COUNTY OF INVERNESS.

Annual Report by the Medical Officer of Health for year 1957.

W. D. WILSON, M.D., D.P.H.,

Medical Officer of Health.

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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1957

To

The Secretary, Department of Health for Scotland

and

The Convener and Councillors of the County Council of Inverness.

My Lords, Ladies and Gentlemen,

In accordance with the instructions laid down in the D.H.S. Circular 2/1958, I have the honour to submit the Annual Report on the Health of the County of Inverness for the year ended 31st December, 1957.

I am,

Your obedient Servant,

W. D. WILSON, M.D., D.P.H.,

Medical Officer of Health.

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STAFFING.

The staff at 31st December, 1957, was as follows:-

Public Health Department.

Medical Officer of Health and School Medical Officer
W. D. WILSON, M.D., D.P.H.

Depute Medical Officer of Health
IAN B. SUTHERLAND, M.B., Ch.B., D.P.H.

Assistant Medical Officers of Health
MARY H. MACARTHUR, M.B., Ch.B,
ELSPETH V. BEVERIDGE, L.R.C.P. & S; D.P.H., D.Obst. R.C.O.G.

Chief Dental Officer
Vacant.

School Dental Officers
A. MASON, L.D.S.; N. G. CAMPBELL, L.D.S.; R. DAVIDSON, L.D.S.; D. N. MACLEOD, B.D.S.

Part-time School Dental Officer
M. A. F. HUMMEL, L.D.S.

School Dental Attendants
MISS J. B. SINCLAIR; MISS S. FENTON; MISS F. MACDONALD.

County Analyst
A. SCOTT DODD, B.Sc., Ph.D., F.I.C., F.C.S., F.R.S.E.

Superintendent Nursing Officer and Supervisor of Midwives
MARY B. CLYNE, S.R.N., S.C.M., H.V., Queen's Nurse.

Assistant Superintendent Nursing Officer
MARY J. FAIRBURN, S.R.N., S.C.M., H.V., Queen's Nurse.

District Nursing Sisters, who perform the combined duties of home nursing, midwifery, child welfare, health visiting and school nursing. (This figure includes relief nurses)
61

School Nurses
CHRISTINA MACDONALD, S.R.N.; JEAN E. C. GORDON, S.R.N., S.C.M.;
CATHERINE A. HONEYMAN, S.R.N., S.C.M., H.V., R.F.N.

Clerical Staff
MISS A. LAW, M.A.; MISS H. TULLOCH; MISS H. MACDONALD; MISS L. GORDON.

Sanitary Department.

County Sanitary Inspector and Housing Officer
W. MACDONALD, Sanitary Inspector's Certificate.

Depute County Sanitary Inspector and Housing Officer
W. FRASER, Sanitary Inspector's Certificate; Meat Inspector's Certificate.

Assistant Sanitary Inspector
J. NASH, Sanitary Inspector's Certificate.

District Sanitary Inspectors
A. D. MACKINTOSH, Sanitary Inspector's Certificate, Meat Inspector's Certificate.
G. MELLAN, D.P.A., Sanitary Inspector's Certificate, Meat Inspector's Certificate.
J. D. THOMSON, Sanitary Inspector's Certificate.
A. B. SMITH, Sanitary Inspector's Certificate.

Milk Officer
MISS E. HERBERTSON, N.D.D., S.D.D.

Pest Destruction Officer
MR CHARLES C. MATHESON.

Clerical Staff
MISS I. MACKINTOSH; MISS J. E. M. TUACH.

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Report of the Year to 31st July, 1957.

SUMMARY OF STATISTICS.

The principal statistics relating to the County of Inverness for the five-year period 1953-1957 are summarised in the following table, the figures being based on the information submitted annually by the Registrar-General. Figures for the Burgh of Inverness are not included in the summary.

	1953	1954	1955	1956	1957
Population (Civilian) at Mid Year.....	57,573	56,781	57,115	56,482	54,951
Marriage Rate (per 1,000 of population).....	3.4	3.1	3.3	3.2	3.1
Live Birth Rate (per 1,000 of population).....	16.9	16.5	15.7	16.1	17.1
Still Birth Rate (per 1,000 total births).....	25	23	16	24	15
Death Rates:-					
All causes (per 1,000 of population).....	12.5	13.0	12.9	13	12.5
Pulmonary Tuberculosis (").....	0.09	0.21	0.19	0.18	0.15
+Epidemic Diseases (").....	0.03	0.05	0.19	0.12	0.13
Maternal Mortality (per 1,000 total births).....	-	1.04	-	-	-
Infant Mortality (per 1,000 live births).....	32	26	27	19	22

+Typhoid Fever, Meningococcal Infections, Scarlet Fever, Whooping Cough, Diphtheria, Influenza and Measles.

VITAL STATISTICS.

Vital statistical details relating to 1957 as tabulated by the Registrar-General on Form S.D. 10a, are now given to show numbers before and after correction for place of residence.

	No. Registered in District.	Transfers.		No. Corrected for Transfers.			Rate per 1,000 of Est. Pop. (Both Sexes).
		Out.	In.	Both Sexes.	Males.	Females.	
Live Births (including Illegitimate)	387	10	560	937	495	442	17.1
Live Births Illegitimate.....	12	-	39	51	25	26	5.4(2)
Still Births.....	8	-	6	14	7	7	15 (3)
Marriages.....	169	-	-	-	-	-	3.1
Deaths:-							
All Causes.....	624	108	171	687	369	318	12.5
Tuberculosis (All Forms).....	-	-	-	10	8	2	0.18
" (Respiratory System).	-	-	-	8	6	2	0.15
Principal Epidemics Diseases (1)..	-	-	-	7	2	5	0.13
Children aged under one year.....	-	-	-	21	15	6	22 (4)
Children aged under four weeks....	-	-	-	12	10	2	13 (4)

(1) Typhoid Fever, meningococcal infections, scarlet fever, whooping-cough, diphtheria, influenza and measles.

(2) Per 100 live births.

(3) Per 1,000 total births (including still-births).

(4) Per 1,000 live births.

POPULATION.

The total population for 1957 as estimated by the Registrar-General was 54,951. This figure relates to the County, exclusive of the large burgh of Inverness, but inclusive of the small burghs of Fort William and Kingussie. The details are landward 51,110, the burgh of Fort William 2,812 and the burgh of Kingussie 1,029.

It will be noted from the "Summary of Statistics" on page 1 that the estimated population for 1957 is lower than for any of the preceding four years and 1,531 fewer than in 1956. The average figure for the five-year period 1953-1957 works out at 56,580.

The populations of Fort William and Kingussie vary little from year to year, the figures for 1957 being 2,812 and 1,029 respectively, being a slight decrease in each case when compared with the 1956 figures of 2,859 and 1,054. The decrease in population in 1957 is centred mainly in the landward area of the County, being 1,459 fewer than in 1956.

BIRTHS.

LIVE BIRTHS.

Registered live births in the County numbered 387 after correction for home residence. 560 infants were transferred in and 10 were transferred to other areas, making the final figure 495 males and 442 females with a total of 937 for both sexes.

For comparative purposes, registered live births together with the rates per 1,000 of the population for the County and for all Scotland are set out in table form. It will be noted that the birth rate for the County was higher in 1957 than for any of the years since 1951.

LIVE BIRTH RATES, 1949-1957.

Year.	Inverness County Numbers after Correction for Transfer.	Rate per 1,000 of the Population.	
		Inverness County.	Scotland.
1949	1,029	17.8	18.5
1950	980	16.3	17.9
1951	1,009	17.5	17.7
1952	954	16.4	17.7
1953	972	16.9	17.8
1954	938	16.5	18.0
1955	896	15.7	18.0
1956	908	16.1	18.5
1957	937	17.1	19.0

Live births rates covering the years 1937 - 1957 are also illustrated by means of the graph on page 7.

STILL BIRTHS.

There was a marked decrease in the number of still births for 1957, the figure after correction for home residence being 14 as against 22 in 1956, the respective rate per 1,000 total births, live and still, being 15 and 24.

STILL BIRTH RATES, 1949-1957.

Year.	Rate per 1,000 total births live and still.	
	Inverness County.	Scotland.
1949	22	27
1950	34	27
1951	22	26
1952	24	26
1953	25	25
1954	23	25
1955	16	25
1956	24	24
1957	15	24

ILLEGITIMATE LIVE BIRTHS.

There were fewer illegitimate births in 1957, the figure being 51 as compared with 69 in 1956.

ILLEGITIMATE BIRTHS AS PERCENTAGE OF LIVE BIRTHS, 1949-1957.

Year.	Inverness County Numbers after Correction for Transfer.	Percentage.	
		Inverness County.	Scotland.
1949	66	6.4	5.5
1950	71	7.2	5.2
1951	85	8.4	5.0
1952	53	5.6	4.8
1953	51	5.2	4.6
1954	63	6.7	4.5
1955	44	4.9	4.3
1956	69	7.6	4.3
1957	51	5.4	4.1

As will be seen from the above table the illegitimate birth rate per 100 live births, although considerably lower in 1957 than 1956, is still higher than the rate for Scotland as a whole.

MARRIAGES.

The number of marriages registered in 1957 was 169, equivalent to a rate of 3.1 per 1,000 of the population. The marriage rate fluctuates very little over the years. The average for the seven years 1951 - 1957, works out at 3.25.

DEATHS.

Deaths from all causes, registered in the County, numbered 624 in 1957. From this figure 108 were transferred out and 171 transferred in, for home residence, making a final figure of 687, 369 males and 318 females, equivalent to a rate of 12.5 per 1,000 of the population. The average death rate for the years 1948 - 1957 was 12.9.

The death rate for Scotland for 1957 was 11.9. The following table covering the years 1948 - 1957 is given for comparative purposes.

DEATHS AND RATES 1948 - 1957

Year.	Deaths after Correction for Transfer.	Rate per 1,000 of the Population.	
		Inverness County.	Scotland.
1948	715	12.8	11.96
1949	764	13.2	12.42
1950	806	13.4	12.48
1951	842	14.6	12.86
1952	677	11.7	12.03
1953	719	12.5	11.50
1954	736	13.0	11.98
1955	737	12.9	12.01
1956	737	13.0	12.0
1957	687	12.5	11.9
Average for Period	742	12.9	12.11

The principal causes of death with age and sex groups are set out in the following table.

Cause of Death.	Sex.	Total	Age Groups.											
			Under 1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over
Heart Disease.....	Male	124	-	-	-	-	-	-	1	4	24	31	48	16
	Female	103	-	-	-	-	-	-	2	7	9	27	42	16
Malignant Disease..	Male	59	-	-	1	-	1	-	3	8	14	17	10	5
	Female	45	-	-	-	-	-	1	4	3	14	13	9	1
Diseases of Nervous System.....	Male	55	-	-	-	1	-	-	2	2	10	12	20	8
	Female	73	-	-	-	1	-	-	-	8	6	15	27	16
TOTAL - Three Main Causes.....	Male	238	-	-	1	1	1	-	6	14	48	60	78	29
	Female	221	-	-	-	1	-	1	6	18	29	55	78	33
TOTAL - Both Sexes..		459	-	-	1	2	1	1	12	32	77	115	156	62

Of the total 687 deaths 459 or 66.8% are accounted for by these three main causes. The corresponding percentage for 1956 showed very little variation, the figure being 66.5%.

Of the 459 deaths attributable to one or other of the three main causes, 333 deaths or 72.5% related to persons in the age groups from 65 years upwards, while 121 persons or 26% were in the age groups from 35 - 64.

As in 1956, the principal epidemic diseases accounted for seven deaths, being two males and five females and equivalent to a rate of 0.13 per 1,000 of the population. Six of these deaths, two males and four females, were due to influenza and related to persons in the age groups from 55 years upwards. The remaining death was due to whooping cough and occurred in a female child of 4½ months.

The epidemic disease death rates over the years 1942 - 1957 are illustrated by means of the graph on page 10.

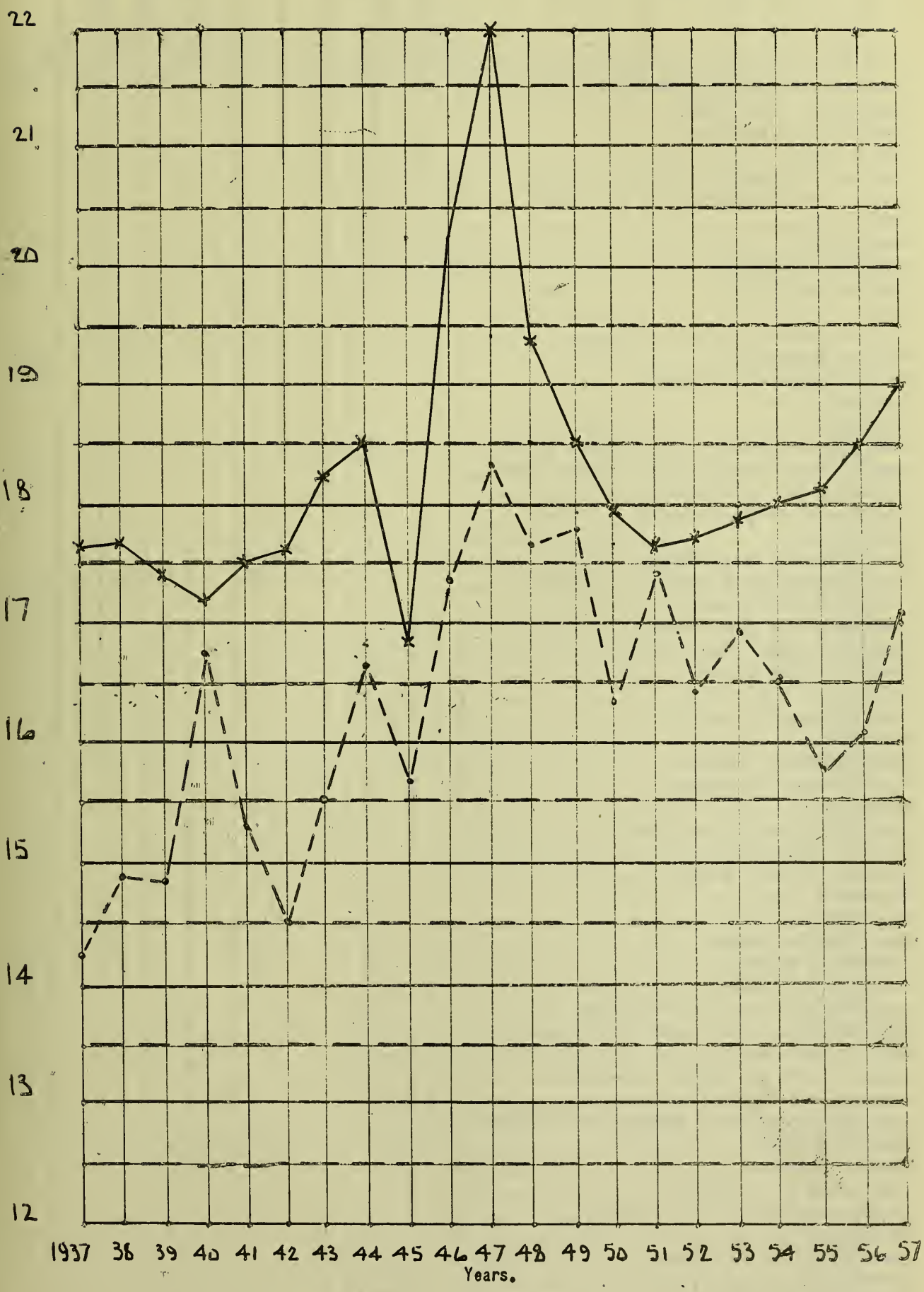
Of the 39 deaths classified to pneumonia, bronchitis and other respiratory diseases, 30 related to persons past middle-age.

Deaths from all forms of tuberculosis numbered ten, 8 males and 2 females. Of these ten deaths, eight were in the respiratory group, being 6 males and 2 females. The tuberculosis death rate for the year was 0.18 per 1,000 of the population. The rate for respiratory deaths taken separately was 0.15. A more detailed analysis of these deaths is given in the Section on Tuberculosis on page 29 of this Report.

There were 21 deaths in infants under 1 year of age, 15 males and 6 females. Of this number 12, 10 males and 2 females, were under four weeks at the time of death. The infant death rate is equivalent to 22 and the neo-natal death rate to 13 per 1,000 live births. Further information relating to infant mortality is given in the section on Child Health and Welfare on page 16 of this Report.

Live Birth Rates, 1937-1957.

County of Inverness _____ Scotland _____



DEATHS FROM SPECIFIED CAUSES IN SEX AND AGE

Causes of Death.	MALES.									
	Under 4 weeks	4 weeks	1	5	10	15	25	35	45	55
Tuberculosis of Respiratory System	-	-	-	-	-	-	-	2	3	1
Tuberculosis. Other forms	-	-	-	-	-	-	-	2	-	-
Syphilis and its sequelae	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-
Dysentery. All forms	-	-	-	-	-	-	-	-	-	-
Scarlet Fever and Streptoccoccal sore throat	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Meningococcal Infections	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-
Other Infectious and Parasitic Diseases	-	-	-	-	-	-	-	-	-	-
Malignant Neoplasms	-	-	-	1	-	1	-	3	8	14
Benign and unspecified Neoplasms	-	-	-	-	-	-	-	-	-	-
Diabetes Mellitis	-	-	-	-	-	-	1	-	1	1
Anaemias	-	-	-	-	-	-	-	-	-	-
Other general diseases	-	-	-	1	-	-	-	-	-	1
Vascular Lesions affecting Central Nervous System	-	-	-	-	-	-	-	1	2	8
Nonmeningococcal Meningitis	-	-	-	-	-	-	-	-	-	-
Other Diseases of Nervous System	-	-	-	-	1	-	-	1	-	2
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-
Chronic Rheumatic Heart Disease	-	-	-	-	-	-	-	-	-	-
Arteriosclerotic and Degenerative Heart Disease	-	-	-	-	-	-	-	1	2	22
Other Diseases ofthe Heart	-	-	-	-	-	-	-	-	2	1
Hypertension with Heart Disease	-	-	-	-	-	-	-	-	-	1
Hypertension without Heart Disease	-	-	-	-	-	-	-	-	-	-
Other Circulatory Diseases	-	-	-	-	-	-	-	-	1	-
Influenza	-	-	-	-	-	-	-	-	-	1
Pneumonia (except of newborn)	-	2	1	-	-	-	-	-	1	-
Bronchitis	-	-	-	-	-	-	-	-	-	1
Other Respiratory Diseases	-	-	-	-	-	-	-	-	-	-
Ulcer of Stomach and Duodenum	-	-	-	-	-	-	-	1	1	1
Appendicitis	-	-	-	-	-	-	1	-	-	-
Intestinal Obstruction and Hernia	-	1	-	-	-	-	-	-	-	-
Gastritis and Duodenitis	-	-	-	-	-	-	-	-	-	-
Diarrhoea (except of newborn)	-	-	-	-	-	-	-	-	-	1
Cirrhosis of Liver	-	-	-	-	-	-	-	-	-	1
Other Diseases of Liver	-	-	-	-	-	-	-	-	-	1
Other Digestive Diseases	-	-	-	-	-	-	-	-	-	1
Nephritis and Nephrosis	-	-	-	-	1	-	-	-	1	1
Hyperplasia of Prostate	-	-	-	-	-	-	-	-	-	-
Other Diseases of Genito Urinary System	-	-	-	-	-	-	-	-	-	-
Puerperal Sepsis including post Abortive Sepsis	-	-	-	-	-	-	-	-	-	-
Other Puerperal Causes	-	-	-	-	-	-	-	-	-	-
Diseases of Skin and organs of Locomotion	-	-	-	-	-	-	-	-	-	-
Congenital Malformations	2	2	-	-	-	-	-	-	-	-
Birth Injuries, Post Natal Asphyxia and Atelectasis.	4	-	-	-	-	-	-	-	-	-
Pneumonia of Newborn	-	-	-	-	-	-	-	-	-	-
Diarrhoea of Newborn	-	-	-	-	-	-	-	-	-	-
Other Infections of Newborn	-	-	-	-	-	-	-	-	-	-
Other Diseases pecular to early infancy	4	-	-	-	-	-	-	-	-	-
Senility	-	-	-	-	-	-	-	-	-	-
Causes ill-defined and unknown	-	-	-	-	-	-	-	1	1	-
Suicide	-	-	-	-	-	-	-	1	-	-
Motor Vehicle Accidents	-	-	-	-	-	3	4	1	-	1
Other Road Transport Accidents	-	-	-	-	-	-	-	-	-	-
Other Violence	-	-	-	1	1	2	1	3	2	3
Total	10	5	1	3	3	6	7	17	25	63

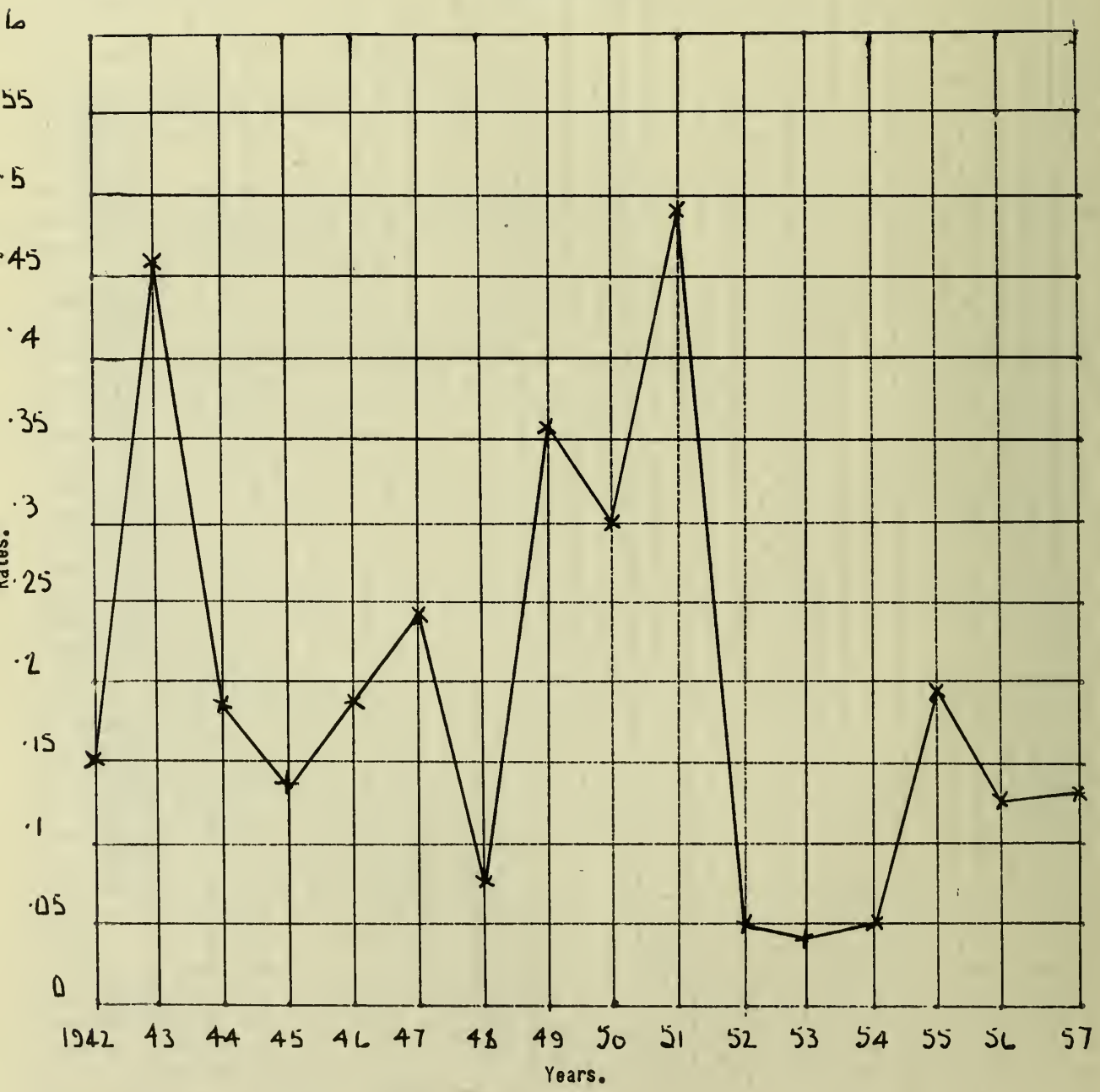
GROUPS AND DEATHS RATES PER 1,000 OF THE POPULATION.

				FEMALES.															
65 -	75 -	85 and over.	Total Males.	Under 4 weeks	4 weeks	1 -	5 -	10 -	15 -	25 -	35 -	45 -	55 -	65 -	75 -	85 and over.	Total Females	Total of Both Sexes.	Rate per 1,000 of Population.
-	-	-	6	-	-	-	-	-	-	1	-	1	-	-	-	-	2	8	0.1456
-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.0363
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	0.0182
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	10	5	59	-	-	-	-	-	-	1	4	3	14	13	9	1	45	104	1.8926
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	0.0182
1	1	-	5	-	-	-	-	-	1	-	-	-	-	1	1	-	3	8	0.1456
1	-	-	1	-	-	-	-	-	-	-	-	-	1	1	2	-	4	5	0.0909
-	2	-	4	-	-	-	-	-	-	-	-	-	1	1	-	-	2	6	0.1091
11	19	8	49	-	-	-	-	1	-	-	-	6	6	13	26	16	68	117	2.1291
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	6	-	-	-	-	-	-	-	-	2	-	2	1	-	5	11	0.2001
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	0.0182
-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	1	-	6	6	0.1091
26	43	16	110	-	-	-	-	-	-	-	1	4	6	24	33	16	84	194	3.5304
2	-	-	5	-	-	-	-	-	-	-	-	1	2	1	4	-	8	13	0.2365
3	5	-	9	-	-	-	-	-	-	-	-	-	-	1	4	-	5	14	0.2547
1	2	2	5	-	-	-	-	-	-	-	-	-	-	1	1	-	2	7	0.1273
1	2	2	6	-	-	-	-	-	-	-	-	-	-	2	2	5	9	15	0.2729
-	1	-	2	-	-	-	-	-	-	-	-	-	-	3	1	-	4	6	0.1091
2	7	4	17	-	2	-	-	-	-	-	1	2	2	2	1	2	12	29	0.5277
1	-	2	4	-	-	-	-	-	-	-	-	-	-	2	-	1	3	7	0.1273
1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	2	3	0.0546
1	-	-	4	-	-	-	-	-	-	-	-	-	1	1	-	-	2	6	0.1091
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	0.0363
2	2	-	5	-	-	-	-	-	-	-	-	-	1	-	1	-	2	7	0.1273
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0182
-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-	2	3	0.0546
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	0.0363
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0182
1	1	-	5	-	-	-	-	-	-	-	-	-	-	1	3	-	4	9	0.1638
-	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.0726
-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.0363
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	4	-	-	-	-	-	1	1	-	-	-	-	-	-	2	6	0.1091
-	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	5	0.0909
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	5	0.0909
1	1	7	9	-	-	-	-	-	-	-	-	-	-	1	6	13	20	29	0.5277
1	-	-	3	-	-	-	-	-	-	-	-	1	-	-	2	3	6	9	0.1638
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0182
-	-	-	9	-	-	1	-	-	1	-	-	-	1	-	-	-	3	12	0.2183
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	2	20	-	1	-	-	-	-	-	-	1	-	-	1	2	5	25	0.4547
75	105	49	369	2	4	1	-	1	3	4	7	25	36	73	101	61	318	687	12.5

EPIDEMIC DISEASE DEATHS.

Rates per 1,000 of the Population.

Years 1942-1957.



CARE OF MOTHERS AND YOUNG CHILDREN.

GENERAL.

There was no further extension during 1957 of the facilities provided by the Local Authority for the Care of Mothers and Young Children.

Weekly sessions continued throughout the year at the Inverlochy, Caol and Beauly child welfare clinics, while at the Barracks, Fort George the sessions were held monthly.

With regard to the provision of dentures for expectant and nursing mothers, patients in this category, residing within reasonable distance of Inverness, and desiring to take advantage of the arrangements made by the Local Authority, were required to attend at the dental clinic which was established at Headquarters in 1956. In conjunction with these clinic facilities, the interim arrangement with dental practioners in the General Dental Service continued as outlined in the 1954 Report.

MATERNAL HEALTH AND WELFARE.

ANTE-NATAL AND POST-NATAL SUPERVISION.

Clinic Supervision.

The numbers of women who attended the Regional Hospital Board clinics at Raigmore Hospital Inverness, and the Belford Hospital, Fort William, for ante-natal and post-natal examinations, during 1957 are as follows:-

ANTE-NATAL EXAMINATIONS.		
Hospital.	Number of women who attended during the year.	Total number of attendances during the year.
Raigmore.....	320	856
Belford.....	74	248
TOTAL.....	394	1,104

POST-NATAL EXAMINATIONS.		
Hospital.	Number of women who attended during the year.	Total number of attendances during the year.
Raigmore.....	135	142
Belford.....	71	71
TOTAL.....	206	213

Home Supervision.

For domiciliary confinements, the District Nursing Sisters undertook the supervision of 307 cases with a total of 1,964 visits. They also undertook the supervision of 463 cases due to be confined in hospital but where clinic attendance for supervision was not practicable. A total of 2,355 visits were paid to these cases.

MIDWIFERY SERVICES.

Births notified to this Department as having occurred within the County during 1957, i.e., before correction for mother's residence, are classified as follows:-

(i) Total number of births 389
being live births 380 and still-births 9.
(ii) Total number of births in (i) occurring in institutions... 123
being live births 118 and still-births 5.
(iii) Total number of births in (i) occurring at home..... 266
being live births 262 and still-births 4.
(iv) Total number of births in (iii) classified to show nature of attendance at birth:-

	Cases dealt with under Section 23(2) of the National Health Service (Scotland) Act, 1947.			Other Domiciliary Cases.				
(1)	Doctor engaged and present at confinement. (2)	Doctor engaged and not present at confinement. (3)	Midwife alone (no doctor engaged). (4)	Doctor and Midwife engaged. (5)	Midwife alone (no doctor engaged). (6)	Without Doctor or Midwife. (7)	All other cases. (8)	TOTAL. (9)
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis)	189	69	-	-	-	-	-	258
(b) Midwives employed by Voluntary Organisations under arrangements made by the Authority.....	-	-	-	-	-	-	-	-
(c) Midwives employed by Hospital Boards of Management under arrangements made by the Authority with the Regional Hospital Board.....	-	-	-	-	-	-	-	-
(d) Private Practising Midwives...	-	-	-	2	-	-	-	2
(e) Other cases not classified above.....	-	-	-	-	-	B.B.A. 6	-	6
(f) TOTALS.....	189	69	-	2	-	6	-	266

The total births are sub-divided in the following tables to show the district distribution for both domiciliary and hospital confinements.

Domiciliary Confinements.

Districts.	Inverness.	Aird.	Badenoch.	Lochaber.	Skye.	Harris.	North Uist.	South Uist.	Barra.	TOTAL.
Live Births..	36	21	21	120	20	16	5	14	9	262
Still Births.	-	-	-	3	-	-	1	-	-	4

Hospital Confinements.

Name of Hospital.	Number of Births.		
	Live.	Still.	Total.
John Martin Hospital, Skye.....	49	3	52
MacKinnon Memorial Hospital, Skye.....	3	1	4
Lochmaddy Hospice, North Uist.....	13	-	13
Sacred Heart Hospital, Daliburgh.....	53	1	54
TOTALS.....	118	5	123

From the foregoing statistics it will be seen that, taking the County as a whole, the proportion of domiciliary confinements to home confinements works out at approximately two to one. In Skye and the Uists, however, the hospital facilities are taken advantage of and in 1957 about 75% of the confinements in these districts took place in hospital.

For domiciliary confinements 265 maternity outfits were distributed by the District Nursing Sisters.

The Home Help Service is made available for families where the circumstances warrant it. During 1957, 10 home helps were provided, four of these on account of home confinements and six were provided for households where the mothers were being confined in hospital.

Births Transferred in for Home Residence.

Birth notifications transferred for home residence, relating to children born in 1957, numbered 533. The particulars are as follows:-

Raigmore Maternity Unit, Inverness	426
Ian Charles Hospital, Grantown-on-Spey	37
Lewis Hospital, Stornoway	21
Royal Maternity Hospital, Glasgow	11
Southern General Hospital, Glasgow	9
Town and County Hospital, Nairn	9
Stobhill Hospital, Glasgow	4
Peterkin Nursing Home, Dingwall	2
Stephen Hospital, Dufftown	2
Western General Hospital, Edinburgh	1
Eastern General Hospital, Edinburgh	1
St. Mary's Hospital, Scarborough	1
Royal Infirmary, Stirling	1
Leanchoil Hospital, Forres	1
Maternity Hospital, Oban	1
Simpson Memorial Maternity Pavilion, Edinburgh	1
Royal Infirmary, Perth	1
Homeland Nursing Home, Glasgow	1
Maternity Hospital, Ellon	1
Queen's Gate Private Clinic, London	1
Private Residence, Nairn	1
Total	533

Two births were transferred out for mother's residence - one from Skye to Ross-shire and the other from Caol to Argyll. The former occurred in hospital and the latter was a domiciliary confinement.

After correction for mothers residence, the total number of birth notifications received during the year, relating to the County was 920, details being as follows:-

Births within the County -	
Domiciliary	266
Hospital	123
	389
Transferred to other areas	2
	387
Transferred from other areas	533
Total	920

The figures divided into domiciliary and hospital confinements are as follows:-

Domiciliary.		Hospital.	
	266		123
Less transfer to Argyll	1	Less transfer to Ross-shire	1
	265		122
Add transfer from Nairn	1	Transfers-in from other Hospitals	532
	266		654

Proportions - Domiciliary Confinements.... 29%
Hospital Confinements..... 71%

ADMINISTRATION OF ANALGESICS.

The figures for 1957 relating to the administration of analgesics by the District Nursing Sisters in their capacity as domiciliary midwives are as follows:-

	Gas and Air.	Trilene
(a) Number qualified to administer analgesia.....	54	52
(b) Number who received their training during the year	1	1
(c) Number of sets of apparatus in use in the area at 31st December, 1956.....	52	4
(d) Number of cases in which Analgesia was administered -		
(i) When doctor was not present at delivery.....	28	21
(ii) When doctor was present at delivery.....	68	36
(e) Number of cases in which pethidine was administered -		
(i) When doctor was not present at delivery.....	32	
(ii) When doctor was present at delivery.....	112	

MIDWIVES ACT.

The number of births notified during 1957 where private practising midwives were in attendance was two - one in Inverness District and one in Lochaber.

NURSING HOMES.

There are no Nursing Homes registered as Maternity Homes in the County.

MOTHER AND BABY HOMES.

Only one application was received during 1957 from the Aberdeen Mother and Baby Home. After the usual enquiries had been made it was ascertained that the girl on whose behalf the application was made had a domicile in Glasgow and was only resident in this County on a temporary basis. Under the circumstances the Health and Welfare Committee's decision was that responsibility for a contribution towards her maintenance could not be accepted.

In January 1957 an approach was made by the Committee of the Aberdeen Mother and Baby Home as to whether the County Council would be willing to increase their contribution towards the maintenance of girls for whom responsibility was accepted. It was found necessary to make this approach to the Local Authorities concerned in view of the steady increase in maintenance costs from £3 16s 1d per week in 1950 to £5 4s 10d in 1957.

It was suggested that the Council might be willing to increase their weekly contribution of 35/-, as agreed to in 1955, to half the weekly cost of maintenance. This suggestion was agreed to and the Council's decision to this effect was intimated to the Treasurer of the Home on 15.3.57.

DENTAL CARE OF EXPECTANT AND NURSING MOTHERS.

The provision of dentures to patients in this category continued on the same lines as in 1956. In 43 approved cases the work was carried out by dental practitioners in the General Dental Service, the cost being borne by the Local Authority. In addition, dentures were also provided for 12 patients, who were able to attend for this purpose at the Local Authority's clinic at headquarters.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

There were no cases of puerperal fever or puerperal pyrexia notified to the Medical Officer of Health during 1957.

MATERNAL DEATHS.

For the third year in succession there have been no maternal deaths in the County. The position over the past nine years is given in the following table:-

Rate per 1,000 total Births, Live and Still.									
	1949	1950	1951	1952	1953	1954	1955	1956	1957
Inverness County.....	1.9	nil.	nil.	1.02	nil.	1.04	nil.	nil.	nil.
Scotland.....	1.3	1.1	1.1	1.0	0.9	0.74	0.5	0.5	0.5

The average maternal death rate over the nine years from 1949 - 1957 works out for the County at .044 per 1,000 total births, live and still while the corresponding figure for Scotland is 0.85.

CHILD HEALTH AND WELFARE.

CHILD WELFARE CLINICS.

Clinic facilities were provided weekly at Inverlochy and Caol in the Lochaber area and at Beauly in the Aird district while monthly sessions were held at Fort George where the clinic is now run by the Local Authority.

The combined figures for attendances at these clinics are set out in the following table:-

	No. of Clinics+ provided at end of year.	No. of Children attending the clinics during the year and who on the date of their first attendance this year were:-		Total no. of attendances made during year by children who at the time of attendance were:-	
		Under 1 year of age.	Over 1 year of age.	Under 1 year of age.	Over 1 year of age.
Local Health Authority Clinics.	4	211	115	2,618	1,535
Clinics provided by Voluntary Organisations.....	-	-	-	-	-

+ "Clinics" means Clinic premises, not sessions.

HOME VISITATION.

Supervision of pre-school children continued throughout the year, the figures for 1957 and the average figures for the four years 1954 - 1957 inclusive being given in table form.

Home Visitation of Pre-School Children.

Year.	Children under 1 year of age.		Children between 1 and 5 years of age.	
	Children visited.	Total visits.	Number visited.	Total visits.
1957	876	8,809	898	11,461
Average 1954-57	877	8,626	928	10,626

DAY NURSERIES.

There are no Day Nurseries in this County.

RESIDENTIAL NURSERIES AND CHILDREN'S HOMES.

It was not necessary during 1957 to admit any Children to Rosedene Children's Home under Section 22 which makes provision for the care of mothers and young children.

OPHTHALMIA NEONATORUM.

As in 1955 and 1956 there were no cases of ophthalmia neonatorum notified in 1957.

INFANT DEATHS.

The causes of death in the 21 infants who did not survive the first year of life are set out in the following table:-

Cause of Death.	Under 1 week.	1 and under 2 weeks.	2 weeks and under 3 weeks.	3 weeks and under 4 weeks	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total under 12 months.
Prematurity.....	6	-	-	-	6	-	-	1	-	7
Cerebral Laceration.....	1	-	-	-	1	-	-	-	-	1
Hydrocephalus.....	-	-	-	1	1	-	-	-	-	1
Haemolytic Disease of new born.....	1	-	-	-	1	-	-	-	-	1
Congenital hydronephrosis..	-	-	-	1	1	-	-	-	-	1
Intracranial Haemorrhage...	1	-	-	-	1	-	-	-	-	1
Atelectasis.....	1	-	-	-	1	-	-	-	-	1
Pertussis.....	-	-	-	-	-	-	1	-	-	1
Acute cardiac failure.....	-	-	-	-	-	1	-	-	-	1
Acute fulminating pneumonia	-	-	-	-	-	-	1	-	-	1
Meningocele.....	-	-	-	-	-	1	-	-	-	1
Broncho-pneumonia.....	-	-	-	-	-	1	-	-	2	3
Intussusception.....	-	-	-	-	-	-	1	-	-	1
	10	-	-	2	12	3	3	1	2	21

It will be seen that 12 of these 21 infants died within the first four weeks of life and 10 of the 12 died within the first week. Of the 12 neo-natal deaths, 10 took place in hospital, while 2 of the remaining 9 deaths also took place in hospital. The infant death rates for the County of Inverness and for Scotland are set out for the years 1946 to 1957 in the following table which also gives the average figures for the period.

Infant Death Rates 1945 - 1957.

Year.	Rate per 1,000 Live Births.	
	Inverness County.	Scotland.
1945	41	56
1946	50	54
1947	42	56
1948	34	45
1949	36	41
1950	40	39
1951	28	37
1952	25	35
1953	32	31
1954	26	31
1955	27	30
1956	19	29
1957	22	29
Average 1945-1957	32	39

It will be seen from the table that the average rate for the County of Inverness over this period compares very favourably with the corresponding rate for Scotland. The rates are also illustrated by means of the graph on page 19.

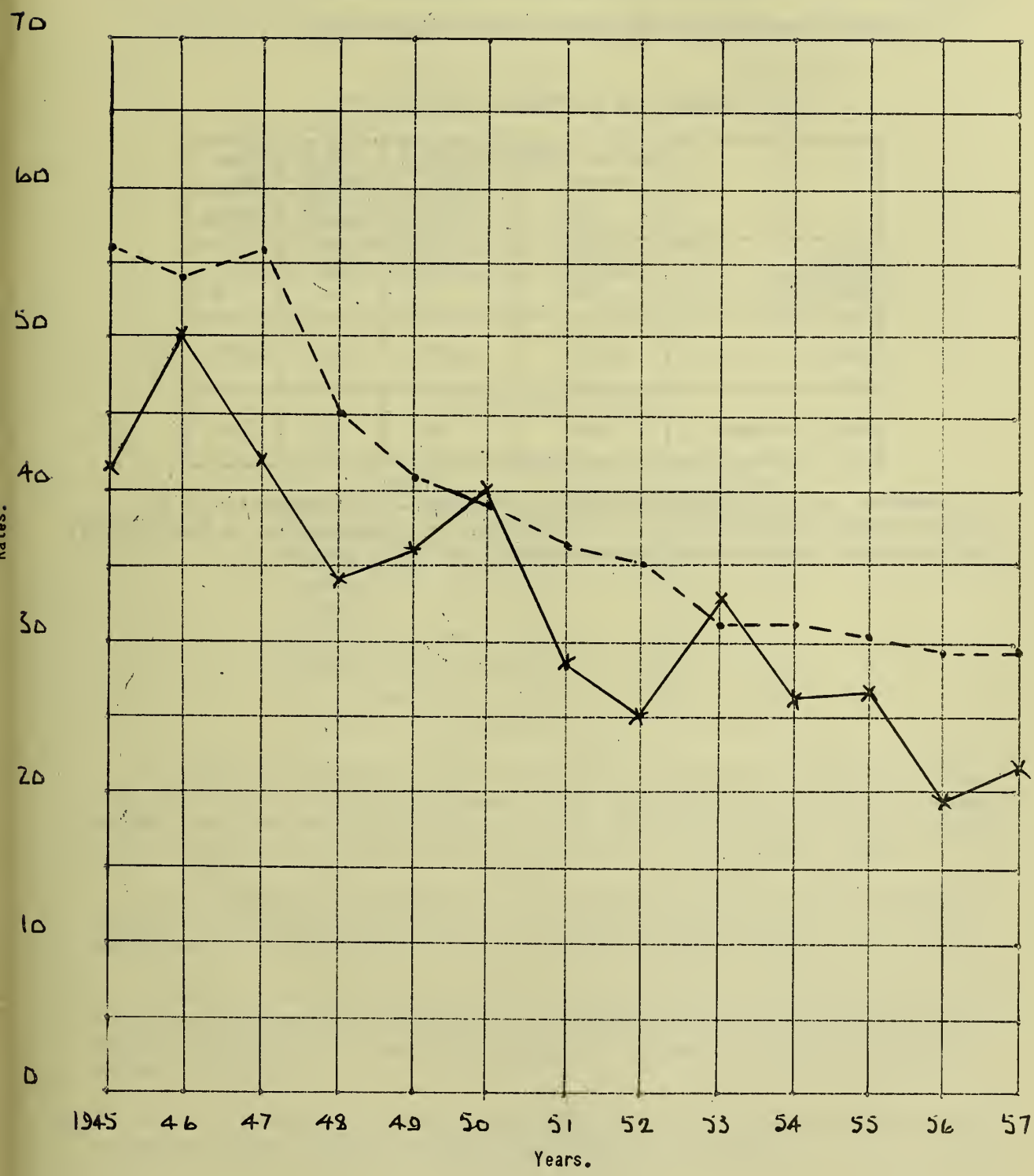
DEATHS IN PRE-SCHOOL CHILDREN - AGE GROUP 1 - 5 YEARS.

There were two deaths in this age group the cause in one case being pneumonia while the other child died as the result of a motor vehicle accident.

Infant Death Rates per 1,000 Live Births, 1945-57.

County of Inverness. _____

Scotland. — — — — —



DISTRIBUTION OF WELFARE FOODS.

Arrangements for the distribution of welfare foods continued during 1957 as outlined in the 1955 Report, the distribution being undertaken on a voluntary basis.

The uptake of these foods for 1957 is given in the following table:-

Welfare Foods Distribution - Uptake - 1957.

	National Dried Milk.	Cod Liver Oil.	A. & D. Tablets.	Orange Juice.
	Tins	Bottles.	Packets.	Bottles.
General.....	53,487	6,793	1,272	25,701
Hospitals.....	90	-	-	96
Total.....	53,577	6,793	1,272	25,797
Monthly Average.....	4,465	566	106	2,150

Comparison with the corresponding figures for 1956 reveals a considerable fall in the uptake of National Dried Milk which is no doubt accounted for by the fact that, as from 6th April, 1957, the price of this particular food was increased from 10½d to 2/4d per tin.

HOME HELP SCHEME.

Applications for the services of a home help were granted during 1957 in 62 cases which brings the total number up to 322 since the Scheme commenced in 1950.

Distribution into the various categories and districts are tabled as follows:-

Categories eligible to receive Assistance.	Applications Granted.
(a) A person who is ill	78
(b) Expectant or lying-in mother.....	49
(c) A mentally defective person.....	4
(d) A chronic sick person.....	42
(e) An aged person.....	143
(f) A child not over school age within the meaning of the Education (Scotland) Act, 1946.....	6
Total.....	322

DISTRICT DISTRIBUTION.

Districts.	Number of Applications.
Inverness.....	31
Aird.....	25
Badenoch.....	19
Lochaber.....	59
Skye.....	53
Outer Isles.....	135
Total.....	322

In addition to the 62 cases approved a further 26 applications were investigated but home helps were not appointed for various reasons. These 26 applications were distributed, throughout the County, with the exception of Aird district. Two were received from Inverness district, four from Badenoch, seven each from Lochaber and Skye and six from the Outer Islands.

The foregoing tables show that out of 322 cases 185 applications or 57% were granted on account of chronic sickness and old age. From the district distribution it is seen that 188 applications or 58% were granted for residents in Skye and the Outer Islands.

The number of cases dealt with in 1957 was 125, being 63 cases carried over from the end of 1956 with 62 new cases added to that figure. Home Helps were withdrawn during the year in 55 cases, the need for their services having terminated. The number of cases on the register at the end of 1957 was 70.

In the following two tables the 125 cases dealt with in 1957 and the 70 cases still on the register at the end of 1957 are classified into categories and districts.

Cases dealt with during 1957.

Categories.	Districts.						
	Inverness.	Aird.	Badenoch.	Lochaber.	Skye.	Outer Islands.	Total.
(a) A person who is ill.....	-	-	2	2	1	8	13
(b) An expectant or lying-in mother.....	2	-	-	3	2	3	10
(c) A mentally defective person.....	-	-	-	-	-	2	2
(d) A chronic sick person....	2	-	1	4	4	6	17
(e) An aged person.....	8	10	2	14	14	31	79
(f) A child not over school age within the meaning of the Education (Scotland) Act, 1946.....	-	-	-	-	1	3	4
Total.....	12	10	5	23	22	53	125

Cases carried forward to 1958.

Categories.	Districts.						
	Inverness.	Aird.	Badenoch.	Lochaber.	Skye.	Outer Islands.	Total.
(a) A person who is ill.....	-	-	1	-	-	-	1
(b) An expectant or lying-in mother.....	-	-	-	-	1	1	2
(c) A mentally defective person.....	-	-	-	-	-	1	1
(d) A chronic sick person....	2	-	1	3	3	6	15
(e) An aged person.....	4	7	1	7	11	17	47
(f) A child not over school age within the meaning of the Education (Scotland) Act, 1946.....	-	-	-	-	1	3	4
Total.....	6	7	3	10	16	28	70

As will be seen from the table showing the allocation of the 70 cases carried forward to 1958, 62 or almost 89% required home helps on account of chronic sickness and old age. Of those 62 cases, 37 or approximately 60% related to residents in Skye and the Outer Islands. A study of the census figures for these outlying parts for 1911, 1921, 1931 and 1951 reveals a steady decline in the number of inhabitants in these outlying parts of the County. The general trend, therefore, towards an ageing population is becoming more apparent as the years go on which inevitably brings with it an increasing need for domestic help for aged persons if they are to be able to remain in their own homes.

Of the 8 remaining cases, home helps were considered necessary in four cases for households with children not over school age, the circumstances being in two cases that the mothers were deceased, in a third case, the mother was suffering from an illness likely to be of long duration and requiring hospital treatment. In the fourth case, both parents were deceased and the children entrusted to the care of aged grandparents who found themselves unable to cope with this responsibility without additional domestic help. One of these cases has been continuous from 1953, two from 1954 and one from 1955. Although it may be felt that some other arrangement should be made in such cases the problem is a difficult one which, however eventually solves itself on the children reaching school leaving age.

Where a home help is required to assist a household at the time of a confinement her services are required usually for a very short period. The two cases in this category, commenced in December,1957 and still on the register at the end of the year, had both terminated by January, 1958.

Under category (c) the services of a home help were carried forward until February, 1958 for a household with a member of the family mentally defective. A previous application from the same household was granted for a few months in 1956. With the mother in good health normally this family have been able to cope with their difficult circumstances but during her illness on two separate occasions, domestic help was very necessary to ensure that the invalid daughter was properly cared for.

The minimum charge payable by all applicants for the services of a home help continued at the same rate, namely 2/- per day, only those applicants financially able to do so being asked to pay a sum above this figure. The assessments made in the 62 new cases commenced in 1957 were as follows:-

2 cases	-	Full cost refunded.
1 case	-	£2 16s 7d per week.
1 "	-	£2 10s 5d "
1 "	-	£1 17s 11d "
1 "	-	£1 15s 0d "
1 "	-	£1 14s 0d "
1 "	-	£1 7s 9d "
1 "	-	£1 2s 6d "
1 "	-	£1 1s 6d "
2 cases	-	£1 0s 0d "
50 "	-	Minimum charge of 2/- per day.
Total... 62 cases.		

With very few exceptions applicants assessed at the minimum charge are eligible for grants from the National Assistance Board these grants being increased to meet the additional expenditure for domestic assistance.

In March 1957, a letter was received from the Joint Industrial Council for Local Authority Services in which it was recommended that manual workers be granted an increase in wages as from 1st April, 1957. This increase being applicable to women employed as domestic helps under the Council's Home Help Scheme, the recommendation was accordingly agreed to by the Health and Welfare Committee and the increased rate of 2/7¾d per hour became effective on the prescribed date.

This inevitable increase in the wages paid to home helps coupled with a general expansion of the service, has naturally been reflected in the rising cost of running the Scheme. At the end of 1957, total expenditure for the year exceeded £10,000.

On the receipts side, payment of sums claimed from applicants as their share of the cost have been well maintained although it has been necessary in a few cases to threaten with court action for the recovery of long outstanding balances. With the minimum charge remaining at 2/- per day, the income derived from the working of the scheme is bound to be limited.

Details of expenditure and income for the years 1954 - 1957 are as follows:-

	Expenditure.	Income.
Year to 31.12.54	£4,087 5 8	£789 6 8
" 31.12.55	£5,736 12 7	£1,097 7 3
" 31.12.56	£7,083 12 6	£1,473 19 0
" 31.12.57	£10,435 19 3	£1,996 3 10

HOME NURSING.

The District Nursing Sisters, in their capacity as Home Nurses, attended 14,402 patients during 1957, with a total of 109,762 visits. These figures are considerably higher than the corresponding numbers for 1956.

Elderly patients from 65 years upwards are included in the total and accounted for 6,456 persons who received in all 55,457 visits. Regular visits to these elderly patients, coupled in many cases with the services of a home help under the County Council's Scheme, ensure that the home care provided is sufficiently adequate to rule out the necessity of admission to hospital.

As in 1956, 53 cars were in use by the District Nursing Sisters.

Articles of medical equipment on loan for patients being nursed in their own homes number 132.

VACCINATION AND IMMUNISATION.

GENERAL.

Vaccination against Smallpox and immunisation against diphtheria and whooping cough continued on the same lines as in previous years while the scheme for vaccination against poliomyelitis was extended to cover further priority groups.

Owing to the fairly widespread prevalence of Asian type influenza in the autumn of 1957, on the recommendation of the Department of Health vaccination was offered to certain groups specially exposed to infection and on whom an epidemic would be likely to place an exceptionally heavy burden.

Statistical details relating to this section are given under the following separate headings.

VACCINATION AGAINST SMALLPOX.

The number of record cards completed in respect of primary vaccinations carried out during the year was 596 and the number of revaccinations was 117. Details giving age distribution are given in the following tables:-

Number of Persons Primarily Vaccinated during 1957.				
Year of Birth.	Typical Vaccinia greatest at 7th-10th day.	Accelerated (vaccinoid) reaction 5th-7th day.	Reaction greatest at 2nd-3rd day.	No Local Reaction.
1957	184	-	-	2
1956	151	1	-	4
1955	24	-	-	-
1954	24	-	-	-
1953	27	-	-	-
1952	24	-	-	-
1951	22	-	-	-
1950	13	-	-	-
1949	21	-	-	-
1948	21	-	-	-
1947	23	-	-	-
1946	16	-	-	-
1945	14	-	-	-
1944	4	-	-	-
1943	-	-	-	-
1942 or earlier	21	-	-	-
Totals.	589	1	-	6

Number of Persons Re-Vaccinated during 1957.				
Year of Birth.	Typical Vaccinia greatest at 7th-10th day.	Accelerated (vaccinoid) reaction 5th-7th day.	Reaction greatest at 2nd-3rd day.	No Local Reaction
1957	-	-	-	-
1956	-	-	-	-
1955	-	-	-	-
1954	-	-	3	-
1953	-	-	1	1
1952	1	1	1	-
1951	-	-	2	1
1950	-	-	1	-
1949	1	-	3	-
1948	1	-	-	1
1947	-	1	-	1
1946	-	1	-	-
1945	-	-	1	-
1944	-	1	-	-
1943	-	2	-	-
1942 or earlier	28	14	36	14
Totals	31	20	48	18

Of the 117 re-vaccinations, 92 related to persons aged from 15 years upwards. These re-vaccinations are carried out mostly for emigration purposes.

There was no smallpox scare during the year.

For comparative purposes, the totals for the past five years are given.

Year.	Primary Vaccinations.	Re-Vaccinations.
1953	322	58
1954	340	56
1955	351	75
1956	469	76
1957	596	117

It is gratifying to note that the figures for primary vaccinations show an upward trend over these years.

DIPHTHERIA IMMUNISATION AND COMBINED DIPHTHERIA AND WHOOPING COUGH IMMUNISATION.

Details of the immunisation carried out are set out in the table on page 28 which gives separate figures for the work done in connection with schools. Triple Antigen (Diphtheria/Whooping Cough/Tetanus) is now being much more widely used by general practitioners and at the Child Welfare Clinics. The figures in parentheses relate to the number of children included in the totals who have received this course.

For comparative purposes figures are given showing the numbers of children immunised against diphtheria for each of the five years 1935-1957.

Year.	Full Course.	Maintenance Inoculations.
1953	845	360
1954	684	421
1955	893	380
1956	764	535
1957	574	95

The figures for 1957 show a decrease due to the fact that the programme for vaccination against poliomyelitis was in full swing during the year.

VACCINATION AGAINST POLIOMYELITIS.

Vaccination against poliomyelitis, which was suspended at the end of June, 1956, was resumed at the beginning of December of that year when a supply of vaccine was issued for the purpose of giving second injections to those children who had already received their first injections earlier in the year. A circular from the Department of Health intimated to local authorities that it was hoped regular supplies of vaccine would be available from the middle of January, 1957, onwards.

At this stage local health authorities were instructed to give all general practitioners in their area an opportunity to participate in the scheme by vaccinating children who are their patients and who had already been registered with the local authority, supplies of vaccine to be obtained through the Medical Officer of Health.

By the middle of 1957 the scheme was extended to include the registration of children born in 1955 and 1956, also children in the years 1947 to 1954 inclusive who had not previously been registered. A further extension was made towards the end of the year, the new groups to be included being children born in the years 1943 to 1946 inclusive, children born in 1957 who had reached the age of six months and expectant mothers. At the same time local health authorities were asked to offer vaccination, as supplies of vaccine became available,to groups specially exposed to infection such as medical practitioners, hospital staff and members of their households.

The total mumber of vaccinations completed during the period from 1st December 1956 to 31st December, 1957, was 3,002, relating entirely to children born between 1947 to 1957 inclusive.

VACCINATION AGAINST INFLUENZA.

Vaccine for this purpose was obtained free of charge, an estimate of the quantity likely to be required being previously forwarded to the Department of Health. Vaccination was offered to all general practitioners in the area, to District Nursing Sisters and Home Helps, these being the main groups coming into contact with the sick in their own homes.

The numbers protected with two injections were:-

Doctors - 38
Nurses - 42
Home Helps - 37

Diphtheria and Diphtheria-Whooping Cough Immunisations Completed during 1957.

Year of Birth.	Full Course.						Maintenance.					
	Diphtheria.			Diphtheria-Whooping Cough.			Diphtheria.			Diphtheria-Whooping Cough.		
	General Practitioners and Clinics.	School Medical Service.	Total.	General Practitioners and Clinics.	School Medical Service.	Total.	General Practitioners and Clinics.	School Medical Service.	Total.	General Practitioners and Clinics.	School Medical Service.	Total.
1957	-	-	-	62 (57)	-	62	-	-	-	-	-	-
1956	2	-	2	233 (186)	-	233	-	-	-	-	-	-
1955	-	-	-	62 (43)	-	62	-	-	-	-	-	-
1954	-	-	-	23 (14)	-	23	-	-	-	-	-	-
1953	-	-	-	14 (7)	-	14	-	2	2	-	-	-
1952	-	4	4	7 (3)	-	7	1	48	49	4	-	4
1951	-	105	105	1	-	1	1	24	25	-	-	-
1950	-	41	41	3	-	3	-	7	7	1	-	1
1949	-	9	9	1	-	1	-	4	4	-	-	-
1948	-	1	1	2	-	2	-	-	-	-	-	-
1947	-	1	1	1	-	1	-	1	1	-	-	-
1946	-	1	1	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	1	-	1	-	-	-
1942 or earlier	-	-	-	1	-	1	-	-	-	1	-	1
Totals	2	162	164	410 (311)	-	410	3	86	89	6	-	6

PREVENTION OF ILLNESS CARE AND AFTER CARE.

TUBERCULOSIS.

GENERAL.

In the campaign to eradicate tuberculosis a fresh impetus was given in 1957 with two visits to this area of the Mass Miniature Radiography Unit.

In January the Unit was first of all stationed at Craig Dunain Hospital where members of staff and patients were X-rayed. For the purpose of X-raying secondary school pupils, the unit was then transferred to the Technical High School and to the Royal Academy. Thereafter it was stationed at the Arts Centre, Inverness, where, after several pre-arranged groups were dealt with, the sessions were thrown open to the general public. All teachers within easy travelling distance of Inverness were encouraged to attend and in this connection claims for reasonable travelling expenses were met by the Local Authority.

The Unit was in operation in the area from 14th January to 22nd February during which period 11,034 persons, 5,398 males and 5,636 females, were X-rayed. It will be appreciated of course that the majority of these were resident in the Burgh of Inverness but it is considered very satisfactory that 1,318, 607 males and 711 females, or approximately 12% were resident outwith the town. For the latter, attendance at the Unit was less convenient than for those living within the Burgh itself.

The second visit of the Unit was made in August when it was centred for two weeks in the Lochaber area with sessions in Fort William, Caol, Corpach, Inverlochy and Kinlochleven. Two days within this period were set aside for surveys of the workers employed at the Aluminium factories at Inverlochy and Kinlochleven. The total number of X-ray examinations carried out was 4,098, being 2,232 males and 1,866 females. The figures for the Factory workers are included in this total. Given separately the numbers were 870 males and 124 females.

A great deal of preliminary preparation was involved in launching these campaigns and the widest possible publicity given to the arrangements through the Press, display of posters, distribution of leaflets and the showing of appropriate films in the cinemas. It was very gratifying to all concerned in making these arrangements that the public responded by attending in such large numbers.

It is gratifying to be able to report that preliminary arrangements will be commencing shortly in connection with the proposed visit of the Highlands and Islands Mass Miniature Radiography Unit to this region from 21st May to 7th August, 1959. If possible the Isle of Skye will be included in this survey as well as parts of the mainland not previously visited.

RESPIRATORY TUBERCULOSIS.

Cases notified during the year as suffering from respiratory tuberculosis numbered 51 of whom 50 were actually confirmed after investigation. This figure shows an increase of 7 over the total for 1956. An increase of the number of new cases was inevitable as a result of the findings of the mass radiography surveys. It is only the bringing to light of unsuspected cases by the aid of mass radiography that the disease will eventually be eradicated.

The age and sex distribution of these 50 cases are given in the following table.

Number of cases confirmed as suffering from Respiratory Tuberculosis.

	Age Groups.									
	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	Total
Males.....	-	-	2	8	2	7	5	5	3	32
Females.....	-	-	1	6	7	1	3	-	-	18
Total.....	-	-	3	14	9	8	8	5	3	50

A comparison of the figures for 1957 with those for 1956 reveals that there were again 23 cases within the age group 15 - 35, the increase in the number of notifications in 1957 being more apparent in the higher age groups from 35 years upwards. The figure was 24 in 1957 as against 13 in 1956.

Institutional Treatment for Respiratory Cases.

Hospital beds continue to be made available without delay for all cases requiring such treatment. Of the 50 new cases notified 46 were admitted to hospital during the year, details being given in the following table:-

New Cases admitted to Hospital during the Year.

	Under 15 years.	15 to under 45.	45 and over.	Total.
Males.....	2	17	12	31
Females....	1	11	3	15
Totals.....	3	28	15	46

All cases of respiratory tuberculosis receiving hospital treatment throughout 1957, irrespective of the year of notification, are included in the next table which gives an indication of the turn-over of beds from January to December.

Hospital admissions and discharges (Respiratory Tuberculosis).

		In hospital on January 1.	Admitted during year.	Discharged during the year.	Died in Hospital.	In hospital on December 31
Under 15 years.....	Male	1	2	3	-	-
	Female	3	-	3	-	-
15 - 44 years.....	Male	23	35	40	1	17
	Female	18	24	29	1	12
45 and over.....	Male	6	21	15	2	10
	Female	3	3	3	+1	2
TOTAL.....		54	85	93	5	41

+ Not allocated as a T.B. Death.

From the table it will be seen that five deaths occurred in hospital. In one of these cases, although the patient was suffering from tuberculosis, the primary cause of death was not attributed to this disease.

The district distribution according to home residence of the 41 cases still in hospital at the end of the year was -

Inverness District.....	1
Aird.....	1
Badenoch.....	3
Lochaber.....	10
Skye.....	9
Outer Islands.....	17
Total.....	41

NON-RESPIRATORY TUBERCULOSIS.

The number of cases of non-respiratory tuberculosis notified in 1957 was 5 being one male and four females. The age and sex distribution with grouping according to the location of the disease are given in the next table:-

Number of Cases Notified as Suffering from Active Non-respiratory Tuberculosis.

Form.	Sex.	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	Total
1. Abdominal.....	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
2. Meningeal.....	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	2	-	-	-	-	-	2
3. Miliary Tuberculosis..	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
4. Bones and Joints.....	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
5. Superficial Glands....	Males	-	1	-	-	-	-	-	-	-	1
	Females	-	-	-	-	-	-	-	-	-	-
6. Genito-Urinary Organs.	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	2	-	-	-	-	2
7. Other Organs.....	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Total.....		-	1	-	2	2	-	-	-	-	5

From the table it will be seen that two cases of meningeal tuberculosis were notified, both requiring several months' treatment in hospital.

TUBERCULOSIS - ALL FORMS.

Combining confirmed cases of respiratory and non-respiratory tuberculosis, the total figure for 1957 is 55 as against 50 for 1956. The sex and district distribution is given in table form on page 33. As in 1956 there is again a high percentage of new cases from Skye and the Outer Islands. The number of respiratory notifications from Lochaber is almost double the figure for 1956 which emphasisis the value of the mass radiography campaign.

The incidence rates of the disease per 1,000 of the population are given in the following table on page 34, which are also illustrated by means of the graph on page 35.

Return of confirmed Cases of Tuberculosis notified during the Year in Sex and District Distribution.

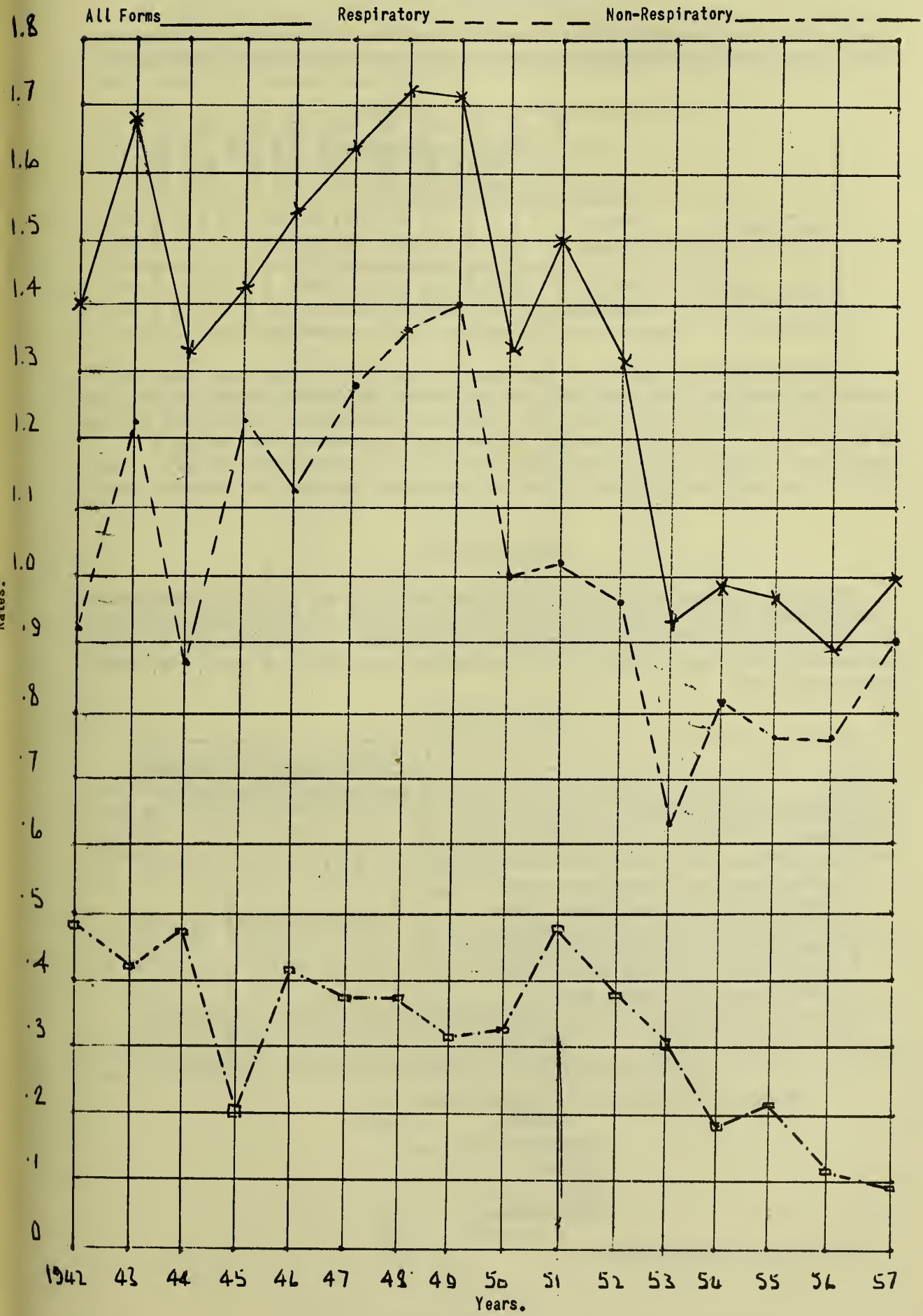
All Forms.

		Districts.								
		Inverness.	Aird.	Badenoch.	Lochaber.	Kingussie.	Fort William.	Skye.	Outer Islands.	Total.
Respiratory.....	(Males	2	-	-	8	1	3	9	9	32
	(Females	4	2	-	2	-	2	3	5	18
Total		6	2	-	10	1	5	12	14	50
Non-Respiratory.....	(Males	-	-	-	1	-	-	-	-	1
	(Females	1	1	-	1	-	-	1	-	4
Total		1	1	-	2	-	-	1	-	5
Respiratory and Non-Respiratory	(Males	2	-	-	9	1	3	9	9	33
	(Females	5	3	-	3	-	2	4	5	22
Grand Total		7	3	-	12	1	5	13	14	55

Return of Confirmed Cases of Tuberculosis notified during the Period 1943-1957.

	Number of Cases notified during the period 1943-1957.														
	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Respiratory.... (Males	38	29	38	36	43	41	36	33	35	29	19	21	20	20	32
(Females	33	19	29	26	31	35	44	27	24	27	18	26	23	23	18
Total	71	48	67	62	74	76	80	60	59	56	37	47	43	43	50
Incidence Rate per 1,000	1.25	0.86	1.23	1.13	1.28	1.35	1.39	1.00	1.02	0.96	0.64	0.83	0.76	0.76	0.91
Non-Respiratory (Males	9	14	5	13	13	14	9	11	12	9	6	7	8	5	1
(Females	14	12	5	11	8	6	9	9	15	12	11	2	4	2	4
Total	23	26	10	24	21	20	18	20	27	21	17	9	12	7	5
Incidence Rate per 1,000	0.41	0.46	0.18	0.43	0.36	0.36	0.31	0.33	0.47	0.36	0.29	0.16	0.21	0.12	0.09
Respiratory and (Male	47	43	43	49	56	55	45	44	47	38	25	28	28	25	33
Non-Respiratory (Female	47	31	34	37	39	41	53	36	39	39	29	28	27	25	22
Total	94	74	77	86	95	96	98	80	86	77	54	56	55	50	55
Incidence Rate per 1,000	1.66	1.32	1.41	1.56	1.64	1.71	1.70	1.33	1.49	1.33	0.94	0.99	0.97	0.88	1.00

Tuberculosis - Incidence Rates per 1,000 of the Population. Years 1942-1957.



THE TUBERCULOSIS REGISTER.

The number of persons resident in the County of Inverness at 31st December, 1957, who were known to be suffering from tuberculosis are set out in age and sex groups in the following table.

		Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	Total
Respiratory	(Males	-	3	12	88	93	43	43	9	8	299
	(Females	-	1	14	101	99	32	12	1	-	260
Non-Respiratory.....	(Males	-	10	29	15	25	4	4	1	4	92
	(Females	-	3	17	24	23	5	11	3	3	89

In keeping the Register up-to-date experience has shown that it is not always expedient to remove from the Register cases where there has been complete freedom from symptoms for the period of five years (respiratory tuberculosis) and three years (non-respiratory tuberculosis) laid down by the Department of Health. In the past, patients have been known to break down again in health after a number of years and their names have had to be restored to the Register. Therefore, in some cases, names have been retained on the Register longer than the prescribed period.

TUBERCULOSIS DEATHS.

The number of persons who died from tuberculosis during 1957 was 10, being 8 respiratory and 2 non-respiratory deaths. Of these 10 cases, 8 had been known to the Public Health Department for periods ranging from four to ten years before date of death. A further case was notified between one to three months before death and the remaining case notified at death. The details are as set out below.

	Respiratory.		Non-Respiratory.	
	Males	Females	Males	Females
Number of persons who died from tuberculosis of whom -				
Not notified or notified only at or after death.	-	1	-	-
Notified less than 1 month before death.....	-	-	-	-
Notified from 1 to 3 months before death.....	1	-	-	-
Notified from 3 to 6 months before death.....	-	-	-	-
Notified from 6 to 12 months before death.....	-	-	-	-
Notified from 1 to 2 years before death.....	-	-	-	-
Notified over 2 years before death.....	5	1	2	-
Total.....	6	2	2	-

The district distribution according to home residence is -

District.	Deaths.
Inverness District.....	1
Lochaber.....	3
Skye.....	1
Outer Islands.....	5
Total.....	10

Four deaths occurred in hospital.

The death rate works out at 0.18 per 1,000 of the population for all forms of tuberculosis and at 0.15 for respiratory tuberculosis. The trend over the years from 1947 - 1957 is shown on the next table which also gives the rates for Scotland. In this connection reference should also be made to the graph on page 35.

Tuberculosis Deaths - All Forms.

Rates per 1,000 of the Population.

Year.	Rates for Inverness County.	Rates for Scotland.
1947	0.66	0.80
1948	0.86	0.75
1949	0.87	0.67
1950	0.40	0.54
1951	0.33	0.43
1952	0.19	0.32
1953	0.19	0.26
1954	0.23	0.22
1955	0.26	0.19
1956	0.21	0.16
1957	0.18	0.14

It will be seen from the table that the death rate for the County of Inverness has fallen during the past three years, while the rate for Scotland has consistently fallen since 1947.

DOMICILIARY CARE.

Persons suffering from tuberculosis who received visits in their own homes during the year numbered 500, the total visits paid by the District Nursing Sisters being 4,555. This figure works out at an average of nine visits per patient. Quite a number of those on the tuberculosis register are able to be at work and do not require regular visits. Nevertheless, the District Nurses keep in touch with them and make a note to this effect on the monthly report sheets which they submit to the Superintendent Nursing Officer.

As in past years every endeavour is made to re-house families where a member is known to be suffering from tuberculosis. It was not found necessary during the year to make use of any of the shelters which are kept in storage for erection should the need arise.

Supplies of cod liver oil and malt and tuberculin tested milk were granted to several cases at a cost for the year to the Local Authority of £299 12s 11d. This figure shows an increase over the corresponding figure for 1956. In all 21 cases were supplied with a pint of milk daily, the recommendation of the tuberculosis physician being made in each case.

B.C.G. VACCINATION.

The following table gives details of the B.C.G. vaccinations carried out during the year under the different groups.

It is satisfactory to note that in the special groups where the written consent of parents is required, 364 new-born babies were vaccinated and also 409 children born in the year 1943.

	Tuberculin Tested.		Negative re-actors.		Vaccinated during 1954.	
	M.	F.	M.	F.	M.	F.
(1) Nurses.....	38	32	4	5	1	5
(2) Medical Students...	-	-	-	-	-	-
(3) Contacts.....	16	21	9	13	9	13
(4) Special Groups not included in (1) to (3) above:-						
(a) School children born in 1943.....	263	290	183	227	182	227
(b) New born babies...	-	-	-	-	190	174
(c) School Hostel Children - New Entrants.....	29	28	26	22	26	22
(5) Others.....	2	-	2	-	2	-

SMOKING AND CANCER OF THE LUNG.

It was on 27th June, 1957, that a Statement was made by the Minister of Health in the House of Commons on the subject of "Smoking and Cancer of the Lung".

The Statement was made in the light of the Special Report on this subject, published by the Medical Research Council. This body had advised the Government that, as a result of their findings, the most reasonable interpretation of the very great increase in deaths from lung cancer in males during the past twenty-five years was that a major part of this increase was caused by smoking tobacco, particularly heavy cigarette smoking. Moreover, the death rate from lung cancer was considerably higher amongst smokers as compared with non-smokers and amongst heavy smokers as compared with light smokers.

As outlined in the Statement, the Government proposed that the views of the Medical Research Council be brought to the notice of local health authorities who are concerned under statute in the prevention of illness and who are responsible for health education as a means of prevention. It would then be the responsibility of local health authorities to take appropriate steps to inform the general public of the findings of the Medical Research Council and in this task they would have the assistance of the Central and Scottish Councils for Health Education.

At a meeting of the Health and Welfare Committee held in July, it was agreed that the Medical Officer of Health should get in touch with the Scottish Council for Health Education regarding the supply of suitable propaganda material such as leaflets, posters and appropriate films or film strips.

As an initial step a draft leaflet was prepared by the Medical Adviser to the Scottish Council for Health Education, the leaflet being intended to serve both as a basis for talks by teachers and youth leaders and also to be available for issue to the general public. A specimen copy of this leaflet was submitted to local authorities in October, 1957, when an order was placed by the Medical Officer of Health for a supply of the leaflet sufficient for distribution throughout the County. It was expected that the leaflets would be available from the printers early in 1958 when further measures would be taken to bring the subject to the notice of as wide a section of the community as possible with special emphasis on younger persons and teen-agers in particular.

PREVENTION OF ACCIDENTS IN THE HOME.

In a circular letter issued by the Department of Health for Scotland in April, 1957, attention was drawn to the increasing interest being shown both in Parliament and the country generally in the prevention of accidents in the home.

As an index to the position, the circular gives the total number of fatal accidents in the country in the years 1955 and 1956, the figures being 1,120 and 1,006 respectively. A detailed table is also given for 1955, analysing the 1,120 accidents into age and sex groups with particulars of the various types of accident. A study of this table reveals clearly that it is - as one would expect - the very young and the very old who are most prone to accidents.

For the first time, in 1957 the Registrar-General, in the Annual statement of vital statistics, included the number of fatal accidents in the home which occurred in each area, ten being the figure given for this County.

With regard to non-fatal accidents it was suggested that the practice adopted by some local authorities of obtaining from local hospitals particulars of patients admitted on account of non-fatal home accidents might be adopted more generally. With some factual information at their disposal, particularly with regard to the most commonly recurring forms of accidents, Local Authorities would then be in a better position to consider the possibilities of action open to them.

In a scattered County like Inverness-shire an organised campaign is difficult but much useful advice and help in the prevention of accidents can be given by the District Nursing Sisters. In the course of their duties they are required to visit homes where there are young children as well as homes where there are elderly persons, the latter in many cases living alone. They have been encouraged to help in this way and copies of the leaflet "Death Traps in the Home" were issued to them for distribution in the early months of 1957.

INFECTIOUS DISEASES.

GENERAL.

Notifications of infectious diseases numbered 294 of which 139 related to males and 155 to females. The table on page 42 gives details of the infections in age and sex groups while the table on page 43 gives the district distributions. It will be seen that the most prevalent infections were measles, scarlet fever and whooping cough, measles accounting for 184 cases, scarlet fever for 60 cases and whooping cough for 21 cases.

Of the 294 cases only 27 required to be removed to hospital.

MEASLES.

Of the 184 cases of measles, 182 were located in the Isle of Skye, the other two being in Inverness District and Aird. It was only necessary to have hospital treatment in two cases both being women in the 30/35 age group. one from Inverness District and the other from Skye. Only 14 of the 184 cases related to patients over 25 years of age.

SCARLET FEVER.

The outbreak of scarlet fever was also mild in nature. Of the 60 cases, 7 were removed to hospital. Two of the cases related to persons between 40 and 45 years of age, all the others being under 18 years. The outbreak was confined almost entirely to Inverness District where 33 cases were notified.

WHOOPING COUGH.

Of the 21 notified cases of whooping cough, 20 related to children under 15 years of age. The majority of the cases were notified from the Lochaber and Inverness Districts, 12 cases in the former and 7 in the latter, while the remaining two were in Aird and Fort William burgh. Two children, aged 6 years and 1½ years, were treated in hospital.

One death occurred as a result of cardiac failure with whooping cough as the underlying cause. The victim was a child of 4½ months with home residence in the Aird District. This particular case was not among those notified to the Public Health Department.

POLIOMYELITIS.

A diagnosis of poliomyelitis was confirmed in three cases, all in the Island of Benbecula, being two children of 8 and 11 years and an adult male of 51 years. Two of the cases occurred in September and the remaining case in November 1957. All three were treated in hospital while the usual investigations and checking of contacts were made by this Department.

FOOD POISONING.

No case of food poisoning was notified to the Medical Officer of Health during 1957.

INFECTIOUS DISEASES.

DISEASE.		Number of Cases coming to the knowledge of the Medical Officer of Health and accepted by him as suffering from the stated disease.										
		At all ages.	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards.	Cases removed to hospital.	Cases not removed to hospital.
Cerebro - Spinal Fever.	M	1	1	-	-	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-
Chickenpox.....	M	1	-	-	-	1	-	-	-	-	1	-
	F	3	-	1	2	-	-	-	-	-	-	3
Cholera.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Continued Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Diphtheria.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Dysentery.....	M	1	-	-	-	1	-	-	-	-	-	1
	F	3	-	-	-	1	2	-	-	-	3	-
Encephalitis.....	M	1	-	-	-	1	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-
Erysipelas.....	M	1	-	-	-	-	-	1	-	-	-	1
	F	1	-	-	-	-	-	-	1	-	1	-
Jaundice, Acute Infective	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Leprosy.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Malaria.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Measles.....	M	90	1	9	60	12	1	3	4	-	-	90
	F	94	1	13	60	14	2	1	3	-	2	92
Ophthalmia Neonatorum.	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Plague.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, Acute Influenzal	M	1	-	-	-	-	-	-	1	-	1	-
	F	6	-	-	2	-	1	-	1	2	2	4
Pneumonia, Acute Primary	M	3	-	-	-	-	-	-	-	3	1	2
	F	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, (not otherwise notifiable).....	M	-	-	-	-	-	-	-	-	-	-	-
	F	4	-	1	-	-	1	-	2	-	2	2
Poliomyelitis, Acute..	M	2	-	-	1	-	-	-	1	-	2	-
	F	1	-	-	1	-	-	-	-	-	1	-
Puerperal Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever.....	M	27	-	3	20	3	-	1	-	-	3	24
	F	33	-	7	22	3	-	1	-	-	4	29
Smallpox.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Para-Typhoid A.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Para-Typhoid B.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough.....	M	11	-	2	8	-	-	-	-	1	2	9
	F	10	-	2	8	-	-	-	-	-	-	10
Totals.....	M	139	2	14	89	18	1	5	6	4	12	127
	F	155	1	24	95	18	6	2	7	2	15	140

INFECTIOUS DISEASES.

(District Distribution).

DISEASE.	Number of Cases notified to the Medical Officer of Health.										
	Inverness.	Aird.	Badenoch.	Lochaber.	Kingussie (Burgh)	Fort William (Burgh)	Skye.	Outer Islands.	Cases removed to hospital.	Cases not removed to hospital.	Total.
Cerebral Spinal Fever.....	1	-	-	-	-	-	-	-	1	-	1
Chickenpox.....	3	1	-	-	-	-	-	-	1	3	4
Dysentery.....	3	1	-	-	-	-	-	-	3	1	4
Encephalitis (following mumps).....	1	-	-	-	-	-	-	-	1	-	1
Erysipelas.....	-	1	-	1	-	-	-	-	1	1	2
Measles.....	1	1	-	-	-	-	182	-	2	182	184
Pneumonia, Acute Influenzal	3	-	-	1	-	-	1	2	3	4	7
Pneumonia, Acute Primary...	2	1	-	-	-	-	-	-	1	2	3
Pneumonia, not otherwise notifiable.....	1	2	-	-	-	-	1	-	2	2	4
Poliomyelitis, Acute.....	-	-	-	-	-	-	-	3	3	-	3
Scarlet Fever.....	33	2	-	-	-	-	25	-	7	53	60
Whooping Cough.....	7	1	-	12	-	1	-	-	2	19	21
Totals.....	55	10	-	14	-	1	209	5	27	267	294

MENTAL HEALTH SERVICE.

It will be recollected that full particulars of the administrative arrangements and of the work undertaken in connection with the Mental Health Service were given in the Annual Report for the year ending 31st December, 1952. In effect there have been no significant changes since that date.

The shortage of institutional accommodation for mental defectives, stressed in previous reports, continues. Although agreed to in principle it has not been possible to appoint an educational psychologist. Proposals are being put forward which if implemented will bring about radical changes in the legislation relating to lunacy and mental deficiency.

The number of mental defectives admitted to certified institutions during the year was one, being a thirteen year old girl. No children were notified to the Welfare Department as being ineducable in terms of Section 56 of the Education (Scotland) Act, 1946.

There now follow tables in which numbers of the lunacy and mental deficiency cases dealt with during the year are shown. It should be noted that the lunacy cases refer only to certified patients.

A. LUNACY.

Details of Lunacy Cases for the Year ended 31st December, 1957.

CRAIG DUNAIN HOSPITAL.

	Males.	Females.	Total.
Number of patients at 1/1/57	165	146	311
Admitted during year	16	10	26
Discharged recovered during year	6	8	14
Discharged relieved during year	-	1	1
Discharged on probation during year	-	3	3
Discharged relieved and re-admitted as a voluntary patient	1	-	1
Discharged and continued as B.O.L. during year	-	-	-
Discharged by reason of escape	-	-	-
Died during year	5	3	8
Transferred to other hospitals	1	-	1
Number of patients at 31/12/57	168	141	309

LONG ISLAND INSTITUTION.

	Males.	Females.	Total.
Number of patients at 1/1/57	17	17	34
Admitted during year	1	1	2
Discharged recovered during year	-	-	-
Discharged relieved during year	-	-	-
Discharged on probation during year	-	-	-
Discharged and continued as B.O.L. during year	-	-	-
Discharged relieved and re-admitted as a voluntary patient	-	-	-
Discharged by reason of escape	-	-	-
Transferred to other hospitals	2	-	2
Number of patients at 31/12/57	16	18	34

Cases on Probation.

	Males.	Females.	Total.
Number of patients on probation at 1/1/57.....	-	2	2
Discharged from hospital on probation during year	-	3	3
Discharged recovered during year.....	-	1	1
Continued as B.O.L. during year.....	-	1	1
Returned to hospital during year.....	-	1	1
Died during year.....	-	-	-
Removed to other areas during year.....	-	-	-
Number of patients on probation at 31/12/57.....	-	2	2

Boarded-out Lunatics.

	Males.	Females.	Total.
Number of boarded-out lunatics at 1/1/57.....	23	10	33
Discharged recovered during year.....	-	2	2
Transferred to hospital during year.....	1	2	3
Died during year.....	-	1	1
Admitted to B.O.L. register during year.....	-	4	4
Transferred to other areas during year.....	-	-	-
Number of boarded-out lunatics at 31/12/57.....	22	9	31

B. MENTAL DEFICIENCY.

Mental Defectives in Certified Institutions.

	Males.	Females.	Total.
Number in certified institutions at 1/1/57.....	16	12	28
Admitted to certified institutions during year....	-	1	1
Discharged on licence during year.....	-	-	-
Died during year.....	-	-	-
Transferred from one certified institution to another during year.....	-	-	-
Number in certified institutions at 31/12/57.....	16	13	29

Mental Defectives under Guardianship.

	Males.	Females.	Total.
Boarded out at 1/1/57 -			
(a) With relatives.....	23	14	37
(b) With strangers.....	2	3	5
(c) in other areas.....	-	-	-
Total boarded out at 1/1/57.....	25	17	42
Died during year.....	-	-	-
Certified insane during year.....	-	-	-
Detention lapsed during year.....	-	1	1
Certified and placed under guardianship during year	-	1	1
Removed to certified institution during year.....	-	-	-
Removed to hospital during year.....	1	1	2
Returned from hospital during year.....	-	-	-
Transferred to Long Island Institution (Lunatic Ward).....	-	-	-
Transferred to Part III accommodation during year.	-	-	-
Boarded out at 31/12/57 -			
(a) With relatives.....	22	13	35
(b) With strangers.....	2	3	5
(c) In other areas.....	-	-	-
Total boarded out at 31/12/57.....	24	16	40

PORT HEALTH ADMINISTRATION.

Two Danish vessels called at Fort William and a German vessel at Kinlochleven during 1957. The Declarations of Health were all satisfactory requiring no action under the Public Health (Ships) Regulations, 1952.

FOOD SUPPLY.

MILK AND ICE CREAM.

No outbreaks of infectious disease occured during the year arising from the consumption of infected milk or ice cream. For details of the supervision carried out in relation to the production and handling of these commodities, reference should be made to the Annual Report of the County Sanitary Inspector.

MISCELLANEOUS.

NURSING HOMES REGISTRATION (SCOTLAND) ACT, 1938.

Under the Nursing Homes (Scotland) Act, 1938, the County Council have registered as a Nursing Home part of the house known as St. Vincent's, Kingussie. There is accommodation for 20 medical cases and the Home is run by the Sisters of Charity of St. Vincent de Paul. The other part of the house is reserved for the accommodation of aged or disabled persons under Section 37 of the National Assistance Act.

NATIONAL ASSISTANCE ACT, 1948.

Section 21 - Residential Accommodation for Aged and Infirm Persons provided by the Local Authority.

The Local Authority's arrangements for the provision of residential accommodation for the aged and infirm persons continued during 1957 as outlined in the 1956 Report, the need for expansion being borne in mind by the County Council.

During 1957 extensive renovations and refurnishing were carried out at the Belford Hostel, Fort William, bringing the building completely up to modern standards. From May to December, while reconstruction was in progress, alternative accommodation for the residents was found in St. Vincent's, Kingussie, and Muirfield Hospital, Inverness. The Home was ready for reoccupation on 13th December, 1957, when it was agreed that it should be known henceforth as Belhaven.

Details of the numbers resident during the year in the various homes and hospitals are as follows:-

AIGAS HOUSE.

	Males.	Females.	Total.
Number of residents at 1/1/57	7	14	21
Admitted during year	4	10	14
Discharged during year	1	3	4
Died during year	-	1	1
Transferred to hospital during year	3	3	6
Transferred to other homes during year	-	1	1
Number of residents at 31/12/57	7	16	23

MUIRFIELD HOSPITAL.

	Males.	Females.	Total.
Number of residents at 1/1/57	10	-	10
Admitted during year	8	-	8
Discharged during year	-	-	-
Died during year	-	-	-
Transferred to hospital during year	4	-	4
Transferred to other homes	4	-	4
Number of residents at 31/12/57	10	-	10

BELHAVEN HOME
(formerly Belford Road Hostel, Fort William).

	Males.	Females.	Total.
Number of residents at 1/1/57.....	9	-	9
Admitted during year.....	10	-	10
Discharged during year.....	-	-	-
Died during year.....	-	-	-
Transferred to hospital during year.....	-	-	-
Transferred to other Part III homes during year.....	10	-	10
Number of residents at 31/12/57.....	8	-	8

LONG ISLAND INSTITUTION.

	Males.	Females.	Total.
Number of residents at 1/1/57.....	8	5	13+
Admitted during year.....	-	-	-
Discharged during year.....	1	-	1
Died during year.....	-	1	1
Transferred to hospital during year.....	-	-	-
Number of residents at 31/12/57.....	7	4	11

+Includes two mental defectives permanently resident in the institution.

BEAULY COTTAGE HOME.

	Males.	Females.	Total.
Number of residents at 1/1/57.....	-	5	5
Admitted during year.....	-	1	1
Discharged during year.....	-	-	-
Died during year.....	-	3	3
Number of residents at 31/12/57.....	-	3	3

Section 29 - Welfare of Handicapped Persons.

The arrangement continues whereby provision for the welfare of blind persons is made by the Northern Counties Joint Committee in conjunction with the Northern Counties Institute for the Blind. For each certified blind person on the Register a per capita grant is paid by the Local Authority to the Northern Counties Institute for the Blind.

Details of the numbers on the Register at 1st April, 1957, sub-divided into age and sex groups, are given in the table which follows.

Age Groups.	Male.	Female.	Total.
Under 2 years	-	-	-
2 - 4 years	1	-	1
5 - 15 "	2	3	5
16 - 17 "	-	-	-
18 - 20 "	-	-	-
21 - 29 "	1	-	1
30 - 39 "	3	1	4
40 - 49 "	6	1	7
50 - 59 "	7	6	13
60 - 64 "	3	7	10
65 - 69 "	5	1	6
70 - 79 "	27	23	50
80 - 84 "	15	15	30
85 - 89 "	7	13	20
90 and over	5	5	10
Total.....	82	75	157

Section 37 - Accommodation for Aged or Disabled Persons provided by Voluntary Organisations.

There are now two such Homes in the County of Inverness, namely the Church of Scotland Home at Toravaig, Isle of Skye, which was opened in November, 1954, and St. Vincent's Home, Kingussie, opened in May, 1956, with accommodation respectively for 14 and 30 residents.

In both Homes the Local Authority makes use, in suitable cases, of the accommodation provided.

St. Vincent's Home was formerly known as the Grampian Sanitorium for the treatment of patients suffering from tuberculosis. While used for that purpose, the sanitorium was under contract to the Northern Regional Hospital Board to take their patients out, but owing to the decline in the incidence of tuberculosis, the Board gave notice to terminate this contract in May, 1956.

The Sisters of Charity, who had been running the hospital, were anxious to continue their charitable work there under another form. The establishment of a home for aged persons while appealing to them strongly, seemed at the same time a practicable proposition and thus it was that part of St. Vincent's in its present form came into being. Although not exclusively it is predominantly used for aged persons of the Roman Catholic faith. As already mentioned in this Report, the other half of the house has been registered as a Nursing Home for medical cases.

As in the case of Toravaig Home in Skye, the County Council have indicated that they are prepared in respect of persons from this County whose admission to the Home is approved by the Council, to meet the difference between the standard charge for residence and the sum which the person concerned is able to pay. This condition is of course subject to assessment of ability to pay being made in each case in accordance with the National Assistance Board scales.

The number of residents in Toravaig at 31st December, 1957 was 12, being 6 males and 6 females, while the figure for St. Vincent's was 25 - 6 males and 19 females.

Section 47 - Compulsory Removals.

No removals were carried out in 1957 under this Section of the Act.

Section 50 - Burials.

During 1957, 14 burials took place under Section 50 of the Act.

HEALTH EDUCATION.

Under the auspices of the Scottish Council for Health Education in May, 1957, a lecture tour on general health subjects was carried out in the Schools in the Isle of Skye. In all 14 sessions were arranged covering 13 schools, two sessions being held in Portree High School, one for the Primary and one for the Secondary Department. The lecturer was Dr. Elenora Simpson who illustrated her talks by means of film strips and flannelgraphs.

The total number who attended these talks was 584, being 25 teachers and 559 pupils.

It had been hoped that a talk to an adult audience, such as the local branch of the S.W.R.I., could have been arranged for one of the evenings during Dr. Simpson's visit to Skye. On enquiries being made, however, it was found to be rather late in the year, the residents by that time being engaged in various outdoor activities and in preparation for the tourist season.

With regard to poster material for use in conjunction with the health talks by members of the staff in the Public Health Departments, 100 copies of a composite illustrated poster entitled "The Seven Rules of Health" were obtained from the Scottish Council for Health Education, these being suitable for distribution in the larger schools in the County. In addition, two recently issued posters connected with the subject of clean food, entitled "Guilty Hands" and "Prevent Food Poisoning, Hands spread Germs", were also made available for propaganda purposes.

Some idea of the scope of the work of the Scottish Council for Health Education can be obtained from the fact that over a period of twelve years up to 15th May, 1956, there have been issued 4,056,597 health leaflets and booklets of which number 3,253,214 were ordered by Local Authorities. During the same period 535,464 health posters and bills have also been distributed.

SCHOOL MEDICAL SERVICE.

REPORT

FOR

YEAR ENDED

31st JULY, 1957.

ANNUAL REPORT

on the

Medical Inspection of Schools in the County and Burgh of Inverness

for the year ended 31st July, 1957.

1. LIST OF STAFF.

(a) Medical Staff
(Whole-time Public Health and Schools)

Medical Officer of Health ..... W. D. WILSON, M.D., D.P.H.
Deputy Medical Officer of Health..... I. B. SUTHERLAND, M.B., Ch.B., D.P.H.
Assistant Medical Officer of Health ..... M. H. MACARTHUR, M.B., Ch.B.
Assistant Medical Officer of Health F. B. WHITELEY, M.B., Ch.B., D.R.C.O.G.

(b) School Dental Staff.
Dental Surgeons.

Chief School Dental Surgeon ..... P. B. TAYLOR, L.D.S., R.F.P.S.
(Resigned 15.4.57)
Assistant School Dental Surgeon..... J. MACLEOD, L.D.S.
(Died 2.5.57)
Assistant School Dental Surgeon ..... A. MASON, L.D.S.
Assistant School Dental Surgeon ..... N. G. CAMPBELL, L.D.S.
Assistant School Dental Surgeon ..... R. DAVIDSON, L.D.S.

School Dental Attendants.

MISS B. SINCLAIR.
MISS M. MANN. (Resigned - 15.10.56)
MISS S. FENTON. (Appointed 19.11.56)
MISS F. MACDONALD. (Appointed 16.8.56).

(c) SPEECH THERAPISTS.

MISS A. M. MACGREGOR, L.C.S.T.
MISS M. LINDSAY, L.C.S.T. (Appointed 2.10.56)

(d) SCHOOL NURSES.

Whole-time - MISS C. MACDONALD, S.R.N., MISS J. E. GORDON, S.R.N., S.C.M.
MISS C. HONEYMAN, S.R.N. S.C.M. H.V. R.F.N.

Part-time.

Inverness District..... 2
Mainland District.....27
Skye District 12
Outer Islands Districts..... 15

OFFICE STAFF.

MISS HELEN TULLOCH.
MISS HARRIET MACDONALD.

2. GENERAL STATISTICS.

Population of the area..... 84,784
Number of schools -
(a) Primary) 150
(b) Junior Secondary) under Education Authority 26
Senior Secondary) 6
(c) (i) Special Schools..... -
(ii) Special classes in ordinary schools..... -
(d) In receipt of grant from Education Authority and under medical inspection..... -
Number of children on the registers..... 13,814

Average Height and Weight of School Children.

The following table shows the findings in respect of a sample of 442 boys and 517 girls.

Sex.	Age Group.	No.	Average Age in Years and Months.	Average height in inches.	Average Weight in lbs.
BOYS	Entrants.....	135	5 yrs. 5 mths.	43.74	44.59
	Children born in 1947	130	9 yrs. 6 mths.	51.83	63.30
	Children born in 1943	150	13 yrs. 6 mths.	59.71	96.37
	Children born in 1940	27	16 yrs. 6 mths.	69.04	136.33
GIRLS	Entrants.....	150	5 yrs. 5 mths.	42.96	43.13
	Children born in 1947	150	9 yrs. 5 mths.	51.91	64.29
	Children born in 1943	150	13 yrs. 6 mths.	60.25	101.82
	Children born in 1940	67	16 yrs. 6 mths.	63.57	124.76

3. SANITARY CONDITION OF THE SCHOOLS.

Steady progress continues to be made in effecting improvement in sanitation and the general state of repair of schools throughout the Burgh and County of Inverness. The following table shows the work done in this field during the year -

District.	Electricity Installations.	Sanitary Equipment.	Painting Internal and External.	New Stoves and Ranges supplied.	Repairs to Water Supplies and Heating.	Misc. Repairs.
Burgh.....	1	2	10	4	4	7
Mainland.....	9	9	54	9	27	58
Skye.....	4	4	26	3	12	33
Outer Islands.	-	9	40	2	4	67

4. ORGANISATION AND ADMINISTRATION.

A. System and Extent of Medical Inspection and Treatment. The ages stipulated by the Department of Health for Scotland as due for routine medical inspection were infant entrants and pupils born in the years 1947, 1943 and 1940. Pupils born in 1949 were tested for visual acuity and hearing only.

The other arrangements were similar to those which obtained in previous years and have already been fully described, notably in the Report for 1954.

One new development was the appointment of a second Speech Therapist this appointment, like that of the other speech therapist, being on a part-time basis shared jointly with the Regional Hospital Board.

B. System and Extent of Dental Inspection and Treatment. As in former years areas were visited in rotation by the school dental staff, the school children being inspected and treatment carried out in those for whom parental consent had been obtained. Table V of this Report shows the work done during the year and it will be noted there that the acceptance rate for treatment was 80%.

With regard to location, four dental surgeons have their headquarters in Inverness, one is stationed in Fort William and one, on a part-time basis, resides in Lochboisdale, South Uist. Mention was made in last year's Report of the fact that no successor could be found for the Outer Isles appointment. This unhappy state of affairs continued during the whole of the year under review and arrangements had to be made for staff from head-quarters to go there and give treatment to the school children.

Two changes in the staff occurred during the year. Mr Taylor, Chief Dental Officer resigned and left the service on 15th April, 1957. Mr J. MacLeod died on 2nd May, 1957, after a long illness. Mr MacLeod first came to the County Council in a temporary capacity on 9th December, 1946, and was appointed to the permanent staff on 16th January, 1948. When the National Health Service came into being on 4th July, 1948, he, unlike his colleaques, opted to remain with the County Council and for a number of years was the only dental officer with the local Authority. Despite the difficulties he gave of his best and the Council are indebted to him for his loyal and faithful service.

Reference was made in last year's Report to the urgent need for a head-quarters clinic for the dental surgeon at Fort William. No progress was made during the year and attempts to find premises in Fort William which could be used as a temporary clinic were also unsuccessful. With regard to equipment no major items were purchased during the year.

The position with regard to the supply of dentures to school children remained unchanged, part of this work being carried out by the School Dental Staff and part by private dentists, in the latter instance prior approval having been obtained from the Medical Officer of Health and the cost borne by the Education Authority.

C. School Nursing and Arrangements for Follow-up. The administrative arrangements during the year showed no change. The establishment of whole time nurses for schools in the Burgh of Inverness remained at three, of whom one has her Health Visitor's Certificate. As pointed out in previous reports for schools in the County the District Nursing Sisters act as school nurses in a part-time capacity. Of the 58 nurses so employed, 12 have their Health Visitor's Certificate.

The role of the school nurse has been fully described in the Report for 1954 to which reference should be made.

D. Co-ordination with the Public Health Service and with other Departments which render services to children. There was no change in the administrative arrangements during the year. As pointed out in previous reports effective co-ordination is obtained by the fact that the Medical Staff of the Health Department are at the same time School Medical Officers. When required the entire resources of the Health Department are available.

This arrangement is specially advantageous when carrying out immunisation procedures such as inoculation against diphtheria, B.C.G. vaccination of 13 year old children, and inoculation against poliomyelitis.

The liason established with the Children's Department and the Education Department in previous years was maintained, the services of the medical officers being sought in a variety of ways, such as the examination of children who have been absent from school, without a satisfactory explanation being given, making arrangements for the examination and X-ray of members of school meals staff, the scrutiny of all medical reports submitted in respect of teachers newly appointed to the County staff, no teacher being accepted without evidence of a recent satisfactory chest X-ray examination. Existing teaching staff have all been given the opportunity of having an X-ray examination of the chest, use being made of the facilities available for this purpose in hospitals at Inverness and throughout the County and also of the M.M.R. Unit when it visited Inverness during the period January to February 1957.

E. Co-ordination with Voluntary Bodies and other outside Agencies. The administrative arrangements remained unchanged during the year. Children with defects were referred to their family doctor, those requiring specialist treatment being either referred directly by him or by the School Medical Officer with the family doctor's consent. The services of the various specialists were made available by the Regional Hospital Board for the treatment of children with the usual defects, use being made as formerly of school premises for clinic purposes. Children requiring tonsillectomy were admitted for treatment to hospitals nearest their homes.

From time to time examinations are carried out at the request of the Probation Officer and of the Local Inspector of the Royal Society for the Prevention of Cruelty to Children.

National Survey of the Health and Development of Children. A full description of the scope of the enquiry is given in the Report for 1954 and it will be recalled that 11 children in the county born between 3rd and 9th March, 1946, are included in this national survey. Schedules in respect of these 11 children were received, completed and forwarded to the Joint Committee during the year.

F. Co-operation with Teachers and Parents. Once again I have pleasure in placing on record the happy relationships which exist between the teachers and the doctors and nurses from the Health Department. I should like to express my thanks to the teaching staff for the help and co-operation so freely given. With regard to parents, it would appear that school medical inspection is now come to be so completely accepted by them as part of the school routine that in the main they are quite content to allow their children in the older age groups to come unattended. Attendance of parents continues to be confined principally to children in the infant-entrant group.

5. FINDINGS OF MEDICAL INSPECTION.

(1) Number Examined. If reference be made to Table I it will be seen that the number of children examined in the various age groups during the year ended 31st July, 1957, totalled 3,896 and that the number of children in the "Other Examinations" category came to 2,430. Included in the latter are 1,204 children born in 1949 who had a visual and hearing check only. The previous year's figures were 3,667 children who had a systematic examination and 2,076 children in the "Other Examinations" category.

Defects requiring notification to parents were found in 432 children of the 5,100 examined, being 8.5%. The corresponding figures for the previous year were 445 notifications out of 4,836 examined (9.2%).

(2) Defects found. The figures are shown in Table III and it will be seen there that the percentage of children with no defect is 72.3%. This is identical with the previous year's figure of 72%.

In the other categories a noteworthy feature is the reduction in the percentage of children with visual defects from 6.01% in 1956 to 3.85% in 1957. On the other hand, the percentage of children with defects of a temporary nature shows a slight increase from 14.36% in 1956 to 16.22% in 1957. The percentages in the remaining groups are virtually unchanged when compared with the previous year.

The following comments refer to the incidence of particular defects, precise figures being contained in the appropriate sections of Table II and in the Summary of Table II at the end of this Report.

(3) Nutrition. Once again no child was encountered whose nutritional state could be classed as bad.

There were however 7 children, 6 of whom came from the Burgh of Inverness, whose nutrition was regarded as being slightly defective. This represents an increase when compared with the previous year (0.02% in 1956 and 0.18% in 1957).

Details giving the average height and weight of a sample of 959 children are set out in tabular form earlier in this Report.

(4) Clothing and Footgear. It is gratifying to report that among those examined no child was encountered with either unsatisfactory clothing or footgear.

(5) Cleanliness. With regard to verminous infestation of the head, the figures indicate that the improvement noted the previous year has not been maintained. The percentage of boys and girls has increased from 0.43% to 0.94% and from 2.01% to 3.73% respectively.

The worst area in the County was the Outer Isles followed by the Mainland area, Inverness Burgh and Skye in that order.

In contrast it is gratifying to report once again that no child was found with the body either in a dirty or verminous state.

(6) Skin. The over-all picture here is very satisfactory and shows no marked change when compared with the previous year. Ringworm affecting the head only was encountered in one child. Only five children showed evidence of impetigo on the head while in three the lesions were on the body. One child was found to be suffering from scabies.

The incidence of other diseases of the head has fallen from 0.41% in 1956 to 0.15% in 1957. This is to a certain extent offset by an increase in the incidence of other diseases of the body from 0.60% to 0.90%.

(7) Mouth and Teeth. A reduction in the number of children with conditions of the mouth likely to affect general health was noted in the Report for 1956. This was maintained during 1957. Of those examined, 60(1.54%) were in this category. The corresponding figures for the previous year were 133 or 3.6%.

With regard to the incidence of dental caries it will be seen in Table V of this Report that of 6,321 children examined 4,392 or 69% were found to be in need of treatment. This compares favourably with the previous year's figure of 78%.

(8) Conditions of the Nose, Throat and Cervical Glands. The main features here are a slight increase, when compared with the previous year, in the percentages of children requiring operative treatment for enlarged adenoids (from 0.27% to 0.34% and, as one would expect, an associated increase in the percentage of children requiring operative treatment for unhealthy tonsils (from 1.27% to 2.36%). There was a reduction in the number of children with enlarged cervical glands (from 4.15% to 1.31%). No child required operative treatment for this condition.

(9) Eye Diseases. The salient points here are a slight increase in the number of children with blepharitis, but no case of conjunctivitis was encountered amongst the children examined. Only one child was found to have a corneal opacity. There was a slight decrease in the number of children suffering from a stranismus (1.51% to 1.24%). The percentages of children with defects in visual acuity show a decrease in both the "fair" and the "bad" groups (6.42% to 4.51% and 2.27% to 2.09% respectively).

(10) Defects of the Ears and Hearing. Only six children amongst those examined were found to be suffering from otorrhoea, the percentage being virtually unchanged when compared with the previous year. A total of eight children showed deafness of a minor degree, but in this connection it should be remembered that this does not represent the true incidence of deafness and that accurate ascertainment is only possible by means of audiometry. No further progress in initiating a scheme for school children was made during the year although developments are expected at an early date.

(11) Speech Defects. Reference was made in the Report for 1956 to the need for another Speech Therapist. Consideration was given to this and after discussion with representatives of the Northern Regional Hospital Board, it was agreed to make another appointment. The post was advertised and on 2nd October, 1956, Miss M. Lindsey took up duty, the arrangement being that her appointment be shared with the Regional Hospital Board as in the case of Miss MacGregor.

Although the difficulties with regard to clinic accommodation mentioned in the Report for 1956 continued, the appointment of Miss Lindsey enabled many more children with speech defects to be brought forward for treatment.

The following tables show the work done by the Speech Therapists during the year.

School Visits.

Inverness Burgh	35
County - Mainland	102
Skye	28
Outer Islands	47
Total	212

Clinical Sessions.

County Buildings	33
Dalneigh	44
Central	13
Merkinch	15
Coronation Park	14
Crown	9
Inverness Convent	7
Nethybridge	9
Kingussie	10
Fort William	52
Total	206

Home Visits	95

Children Receiving Treatment.

Stammer	23
Articulation Defect	51
Retarded speech	15
Cleft Palate	3
Total	92

Table Showing Speech Defects in District Distribution.

	Inverness Burgh.	Inverness District.	Aird.	Badenoch.	Lochaber.	Skye.	Harris.	North Uist.	South Uist.	Barra.	Total.
Stammer	14	4	7	9	7	8	2	1	2	-	54
Slight Stammer	23	5	5	7	8	5	6	8	7	3	77
Articulation Defect	39	9	8	7	25	3	1	1	2	-	95
Slight Articulation Defect	57	13	16	8	28	15	5	12	21	3	178
Cleft Palate	2	-	-	1	2	2	3	1	2	1	14
Retarded Speech	28	6	10	6	7	4	2	2	4	2	71
Hoarse, adenoidal, deaf, spastic, etc.	51	6	9	7	12	10	1	1	1	-	98
Total	214	43	55	45	89	47	20	26	39	9	587
Receiving Treatment	56	3	3	12	18	-	-	-	-	-	92
Waiting list	11	2	10	3	4	-	-	-	-	-	30
Under Observation	147	38	42	30	67	47	20	26	39	9	465
Total	214	43	55	45	89	47	20	26	39	9	587
Discharged after treatment	-	-	-	1	2	-	-	-	-	-	3
Discharged without clinical treatment	48	8	7	5	-	18	5	7	10	7	115
Speech more slovenly than defective	12	5	17	12	7	6	1	-	4	4	68
Total	60	13	24	18	9	24	6	7	14	11	186

With regard to the children routinely examined by the Medical Officers during the year it will be observed that 20 were found to have defective articulation and three had a stammer. All were referred to the Speech Therapists.

(12) Mental and Nervous Conditions. Of the children examined it will be observed that 12 were regarded as being either backward or dull, 4 as being mentally defective but educable in a special school, and 2 as being mentally defective and ineducable. Two children were regarded as being highly nervous and unstable and two as presenting behaviour problems. These represent a total of 22 children or 0.56% of those examined. The useful work in the field of ascertainment which can be done by an educational psychologist has been stressed in previous reports and although the Education Committee have agreed in principle to such an appointment being made, it was not possible to make any progress in this respect during the year.

(13) Circulatory System. The main feature here is a slight increase in the incidence of congenital heart disease amongst the children examined (from 0.08% to 0.15%). To offset this no child was found to be suffering from acquired heart disease, a striking reduction when compared with the previous year's percentage 0.19%. The incidence of functional disorders of the heart was virtually unchanged.

(14) Respiratory System. The over-all picture here is one of improvement when compared with the previous year. The incidence of chronic bronchitis has dropped from 0.38% to 0.20%. No case of suspected tuberculosis was found amongst the children examined (the percentage for 1956 was 0.05%). In the "other diseases" category the percentage declined from 0.30% to 0.18%. The total number of children with lung infections was 15, equivalent to 0.38% of those examined (the corresponding figure for 1956 was 0.74%).

(15) Deformities. The incidence of deformities of congenital origin amongst the children examined declined from 0.82% to 0.58% but those due to infantile paralysis and rickets were virtually unchanged. There was an increase in acquired deformities due to other causes from 1.1% to 1.8%.

Altogether 99 children had deformities of one kind or another, equivalent to 2.54% of those examined. The percentage for the previous year was 2.15%.

(16) Infectious diseases. No case of infectious disease was encountered amongst the children examined.

6. MEDICAL TREATMENT

	Local Authority.	Private.
A. Minor Ailments.		
(1) Cuts, bruises, sprains, etc.	864	38
(2) Diseases of the ear	-	13
(3) Diseases of the eye	21	16
(4) Diseases of the skin -		
Ringworm of the scalp	-	-
X-ray treatments	-	-
Ringworm of the body	-	4
Scabies	-	9
Impetigo	58	46
Other Diseases	47	42
B. Defective Vision	529	-
C. Nose and Throat (operative treatment)	197	-

TABLE I.

A. Total Number of Children Examined during the Year under review:-

		Systematic Examinations.
Ordinary Schools.....	(Entrants.....	1307
	(Children born 1947.....	1402
	(Children born 1943.....	6
	(Children born 1940.....	-
Junior and Senior Secondary Schools.....	(Children born 1943.....	1029
	(Children born 1940.....	152
	Total.....	3896

B. Other Examinations.

Special cases examined	162
Re-inspection by Medical Officers.....	1064
Children born 1949.....	1204
Total.....	2430

Number of Children notified to Parents as suffering from Defects:-

Entrants.....	86
Children born 1947.....	124
Children born 1949.....	112

Secondary Age Groups:-

Children born 1943.....	99
Children born 1940	11
	432

TABLE II.

Tables showing Number and Percentage of individual Children in each age group suffering from particular defects.

1. NUTRITIONAL STATE - (a) Slightly defective.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	4	.52	-	-	-	-	5	.66
	(Girls	796	-	-	1	.12	-	-	-	-	1	.12
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	1	.53	-	-	-	-	1	.53
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	4	.21	-	-	-	-	5	.26
	(Girls	1984	-		2	.10	-	-	-	-	2	.10
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

1. NUTRITIONAL STATE - (b) Bad.

District		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

2. CLOTHING UNSATISFACTORY.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

3. FOOTGEAR UNSATISFACTORY.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

4. CLEANLINESS - (a) Head.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	1	.13	-	-	-	-	1	.13
	(Girls	796	2	.25	3	.38	2	.25	-	-	7	.88
Mainland.....	(Boys	728	1	.14	1	.14	-	-	-	-	2	.27
	(Girls	727	4	.55	2	.27	2	.27	-	-	8	1.10
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	5	2.63	-	-	-	-	5	2.63
Outer Islands.....	(Boys	267	5	1.87	6	2.25	4	1.49	-	-	15	5.62
	(Girls	271	18	6.64	15	5.53	21	7.75	-	-	54	19.93
GRAND TOTAL.....	(Boys	1912	6	.31	8	.42	4	.21	-	-	18	.94
	(Girls	1984	24	1.21	25	1.26	25	1.26	-	-	74	3.73
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

4. CLEANLINESS - (b) Body.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

5. SKIN.

(a) Head (1) Ringworm.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	1	.37	-	-	-	-	1	.37
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	1	.05	-	-	-	-	1	.05
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

(a) Head (2) Impetigo.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	1	.13	-	-	-	-	-	-	1	.13
	(Girls	796	1	.12	-	-	-	-	-	-	1	.12
Mainland.....	(Boys	728	1	.14	-	-	-	-	-	-	1	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	1	.37	-	-	1	.37	-	-	2	.75
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	3	.16	-	-	1	.05	-	-	4	.21
	(Girls	1984	1	.05	-	-	-	-	-	-	1	.05
Special Cases...	(Boys										-	-
	(Girls										-	-

TABLE II.

5. SKIN (Contd.).

(a) Head - (3) Other Diseases.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943		Children born 1940		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	1	.13	-	-	1	.13
	(Girls	796	-	-	3	.38	1	.12	-	-	4	.50
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	1	.37	-	-	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	-	-	-	-	1	.05	-	-	1	.05
	(Girls	1984	1	.05	3	.15	1	.05	-	-	5	.25
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

5. SKIN (Contd.).

(b) Body - (1) Ringworm.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-										-
	(Girls	-										-

TABLE II.

5. SKIN (Contd.).

(b) Body (2) Impetigo.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	-	-	-	-	-	-	1	.13
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	1	.37	-	-	1	.37	-	-	2	.75
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	2	.10	-	-	1	.05	-	-	3	.16
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

5. SKIN (Contd.).

(b) Body (3) Scabies.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	1	.37	-	-	-	-	-	-	1	.37
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	-	-	-	-	-	-	1	.05
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

5. SKIN (Contd.).

(b) Body (4) Other Diseases.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	6	.79	4	.52	1	.13	1	.13	12	1.58
	(Girls	796	1	.12	4	.50	-	-	1	.12	6	.75
Mainland.....	(Boys	728	4	.55	1	.14	2	.27	-	-	7	.96
	(Girls	727	2	.27	1	.14	3	.41	1	.14	7	.41
Skye.....	(Boys	157	-	-	-	-	1	.64	-	-	1	.64
	(Girls	190	2	1.05	-	-	-	-	-	-	2	1.05
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	10	.52	5	.26	4	.21	1	.05	20	1.05
	(Girls	1984	5	.25	5	.25	3	.15	2	.10	15	.76
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

6. MOUTH AND TEETH UNHEALTHY - (a) Teeth unhealthy.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	2	.26	7	.92	-	-	10	1.31
	(Girls	796	-	-	5	.63	7	.88	-	-	12	1.51
Mainland.....	(Boys	728	3	.41	1	.14	7	.96	-	-	11	1.51
	(Girls	727	4	.55	4	.55	11	1.51	1	.14	20	2.61
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	-	-	-	-	1	.37	-	-	1	.37
	(Girls	271	2	.74	2	.74	2	.74	-	-	6	2.21
GRAND TOTAL.....	(Boys	1912	4	.21	3	.16	15	.78	-	-	22	1.15
	(Girls	1984	6	.30	11	.55	20	1.01	1	.05	38	1.91
Special Cases.....	(Boys	-									2	-
	(Girls	-									3	-

TABLE II.

7. NASO-PHARYNX.

(a) NOSE (1) Obstruction requiring Observation.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	1	.13	1	.13	-	-	3	.39
	(Girls	796	1	.12	-	-	2	.25	1	.12	4	.50
Mainland.....	(Boys	728	1	.14	1	.14	-	-	-	-	2	.27
	(Girls	727	4	.55	-	-	-	-	-	-	4	.55
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	1	.53	-	-	-	-	1	.53
Outer Islands.....	(Boys	267	3	1.12	1	.37	1	.37	-	-	5	1.87
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	5	.26	3	.16	2	.10	-	-	10	.52
	(Girls	1984	5	.25	1	.05	2	.10	1	.05	9	.45
Special Cases.....	(Boys	-									1	-
	(Girls	-									1	-

7. NASO-PHARYNX (Contd.).

(a) NOSE (2) Obstruction, probably adenoids, requiring operative treatment.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	3	.39	1	.13	-	-	-	-	4	.53
	(Girls	796	3	.38	-	-	-	-	-	-	3	.38
Mainland.....	(Boys	728	2	.27	1	.14	-	-	-	-	3	.41
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	1	.53	-	-	-	-	-	-	1	.53
Outer Islands....	(Boys	267	1	.37	-	-	-	-	-	-	1	.37
	(Girls	271	-	-	1	.37	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	6	.31	2	.10	-	-	-	-	8	.42
	(Girls	1984	4	.20	1	.05	-	-	-	-	5	.25
Special Cases....	(Boys	-									2	-
	(Girls	-									1	-

TABLE II.

7. NASO-PHARYNX (Contd.).

(a) NOSE (3) Other Conditions.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	1	.13	1	.13	-	-	2	.26
	(Girls	796	1	.12	-	-	-	-	-	-	1	.12
Mainland.....	(Boys	728	2	.27	1	.14	-	-	-	-	3	.41
	(Girls	727	1	.14	-	-	-	-	-	-	1	.14
Skye.....	(Boys	157	-	-	1	.64	-	-	-	-	1	.64
	(Girls	190	4	2.10	-	-	-	-	-	-	4	2.10
Outer Islands...	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	1	.37	-	-	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	2	.10	3	.16	1	.05	-	-	6	.31
	(Girls	1984	7	.35	-	-	-	-	-	-	7	.35
Special Cases...	(Boys	-									-	-
	(Girls	-									-	-

7. NASO-PHARYNX (Contd.).

(b) THROAT (1) Tonsils requiring observation.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	16	2.10	9	1.31	9	1.31	-	-	34	4.47
	(Girls	796	24	3.01	5	.63	11	1.38	-	-	40	5.02
Mainland.....	(Boys	728	42	5.77	23	3.16	9	1.24	1	.14	75	10.30
	(Girls	727	41	5.64	34	4.68	8	1.10	-	-	83	11.42
Skye.....	(Boys	157	9	5.73	3	1.91	2	1.27	-	-	14	8.92
	(Girls	190	9	4.74	4	2.10	1	.53	-	-	14	7.37
Outer Island.....	(Boys	267	14	5.24	6	2.24	1	.37	-	-	21	7.86
	(Girls	271	7	2.58	8	2.95	1	.37	-	-	16	5.90
GRAND TOTAL.....	(Boys	1912	81	4.24	41	2.14	21	1.09	1	.05	144	7.53
	(Girls	1984	81	4.08	51	2.57	21	1.06	-	-	153	7.71
Special Cases.....	(Boys	-									13	-
	(Girls	-									8	-

TABLE 11.

7. NASO-PHARYNX (Contd.).

(b) THROAT (2) Tonsils requiring Operative Treatment.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	6	.79	2	.26	1	.13	-	-	9	1.31
	(Girls	796	5	.63	1	.12	-	-	-	-	6	.75
Mainland.....	(Boys	728	14	1.92	4	.55	-	-	-	-	18	2.47
	(Girls	727	11	1.51	4	.55	2	.27	-	-	17	2.34
Skye.....	(Boys	157	3	1.91	2	1.27	-	-	-	-	5	3.18
	(Girls	190	1	.53	1	.53	4	2.10	2	1.04	8	4.21
Outer Islands.....	(Boys	267	7	2.62	4	1.49	3	1.12	-	-	14	5.24
	(Girls	271	8	2.95	3	1.11	4	1.48	-	-	15	5.53
GRAND TOTAL.....	(Boys	1912	30	1.57	12	.63	4	.21	-	-	46	2.40
	(Girls	1984	25	1.26	9	.45	10	.50	2	.10	46	2.32
Special Cases.....	(Boys	-									21	-
	(Girls	-									12	-

7. NASO-PHARNYX (Contd.).

(c) GLANDS (1) Requiring Observation.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	7	.92	1	.13	2	.26	-	-	10	1.31
	(Girls	796	3	.38	4	.50	-	-	1	.12	8	1.05
Mainland.....	(Boys	728	6	.82	1	.14	3	.41	-	-	10	1.26
	(Girls	727	6	.82	4	.55	1	.14	-	-	11	1.51
Skye.....	(Boys	157	6	3.82	-	-	-	-	-	-	6	3.82
	(Girls	190	1	.53	1	.53	-	-	-	-	2	1.04
Outer Islands.....	(Boys	267	-	-	1	.37	1	.37	-	-	2	.75
	(Girls	271	2	.74	-	-	-	-	-	-	2	.74
GRAND TOTAL.....	(Boys	1912	19	.99	3	.16	6	.31	-	-	28	1.46
	(Girls	1984	12	.60	9	.45	1	.05	1	.05	23	1.16
Special Cases.....	(Boys	-									2	-
	(Girls	-									-	-

TABLE II.

7. NASO-PHARYNX (Contd.).

(c) GLANDS (2) Requiring Operative Treatment.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

8. EYES.

(a) External Diseases (1) Blepharities.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	1	.13	-	-	1	.13
	(Girls	796	-	-	-	-	2	.25	-	-	2	.25
Mainland.....	(Boys	728	-	-	2	.27	1	.14	-	-	3	.41
	(Girls	727	1	.14	3	.41	1	.14	-	-	5	.69
Skye.....	(Boys	157	1	.64	1	.64	1	.64	-	-	3	1.91
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	1	.37	1	.37	-	-	-	-	2	.74
GRAND TOTAL.....	(Boys	1912	1	.05	3	.16	3	.16	-	-	7	.37
	(Girls	1984	2	.10	4	.20	3	.15	-	-	9	.45
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

8. EYES (Contd.).

(a) External Diseases (2) Conjunctivitis.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

8. EYES (Contd.).

(a) External Diseases (3) Corneal Opacities.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	1	.37	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	1	.05	-	-	-	-	1	.05
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

8. EYES (Contd.).

(a) External Diseases (4) Strabismus.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	5	.66	5	.66	2	.26	1	.13	13	1.71
	(Girls	796	6	.75	-	-	-	-	-	-	6	.75
Mainland.....	(Boys	728	5	.69	4	.55	3	.41	-	-	12	1.65
	(Girls	727	6	.82	2	.27	2	.27	-	-	10	1.37
Skye.....	(Boys	157	1	.64	1	.64	-	-	-	-	2	1.27
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	2	.75	1	.37	-	-	-	-	3	1.12
	(Girls	271	-	-	2	.74	-	-	-	-	2	.74
GRAND TOTAL.....	(Boys	1912	13	.68	11	.57	5	.26	1	.05	30	1.57
	(Girls	1984	12	.60	4	.20	2	.10	-	-	18	.91
Special Cases.....	(Boys	-									2	-
	(Girls	-									1	-

8. EYES (Contd.).

(a) External Diseases (5) Other Diseases.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	2	.26	-	-	2	.26
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	2	.10	-	-	2	.10
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

8. EYES (Contd.).

(b) Visual Acuity (Snellen) - Fair.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	20	2.63	5	.66	5	.66	30	3.95
	(Girls	796	-	-	21	2.64	15	1.88	6	.75	42	5.28
Mainland.....	(Boys	728	1	.14	15	2.06	11	1.51	-	-	27	3.71
	(Girls	727	-	-	19	2.61	9	1.22	4	.55	32	4.40
Skye.....	(Boys	157	-	-	2	1.27	3	1.91	1	.64	6	3.82
	(Girls	190	-	-	2	1.04	3	1.58	-	-	5	2.63
Outer Islands...	(Boys	267	-	-	7	2.62	9	3.37	1	.37	17	6.37
	(Girls	271	-	-	6	2.21	11	4.06	-	-	17	6.27
GRAND TOTAL.....	(Boys	1912	1	.05	44	2.30	28	1.46	7	.37	80	4.18
	(Girls	1984	-	-	48	2.42	38	1.91	10	.50	96	4.84
Special Cases...	(Boys	-									9	-
	(Girls	-									8	-

8. EYES (Contd.).

(b) Visual Acuity (Snellen) - Bad.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	5	.66	5	.66	5	.66	15	1.97
	(Girls	796	-	-	9	1.13	10	1.26	4	.50	23	2.89
Mainland.....	(Boys	728	-	-	5	.69	-	-	-	-	5	.69
	(Girls	727	-	-	4	.55	2	.27	-	-	6	.82
Skye.....	(Boys	157	-	-	2	1.27	1	.64	-	-	3	1.91
	(Girls	190	-	-	2	1.04	4	2.10	4	2.10	10	5.26
Outer Islands.....	(Boys	267	1	.37	3	1.12	4	1.49	-	-	8	2.99
	(Girls	271	-	-	5	1.84	7	2.58	-	-	12	4.43
GRAND TOTAL.....	(Boys	1912	1	.05	15	.78	10	.52	5	.26	31	1.62
	(Girls	1984	-	-	20	1.01	23	1.16	8	.40	51	2.57
Special Cases.....	(Boys	-									2	-
	(Girls	-									6	-

TABLE II.

9. EARS.

(a) Diseases (1) Otorrhoea.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	1	.14	-	-	1	.14	-	-	2	.27
	(Girls	727	-	-	-	-	2	.27	-	-	2	.27
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	1	.53	-	-	1	.53
Outer Islands.....	(Boys	267	-	-	-	-	1	.37	-	-	1	.37
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	-	-	2	.10	-	-	3	.16
	(Girls	1984	-	-	-	-	3	.15	-	-	3	.15
Special Cases.....	(Boys	-									1	-
	(Girls	-									2	-

9. EARS (Contd.).

(a) Diseases (2) Other Diseases.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	1	.14	-	-	-	-	-	-	1	.14
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands...	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	1	.05	-	-	-	-	-	-	1	.05
Special Cases...	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

9. EARS (Contd.).

(b) Defective Hearing (Grade 1).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	2	.26	1	.13	-	-	3	.39
	(Girls	796	-	-	2	.25	1	.12	-	-	3	.38
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	2	.10	1	.05	-	-	3	.16
	(Girls	1984	-	-	2	.10	1	.05	-	-	3	.15
Special Cases....	(Boys	-									-	-
	(Girls	-									-	-

9. EARS (Contd.).

(b) Defective Hearing (Grade IIa).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	1	.12	-	-	-	-	1	.12
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	1	.53	-	-	-	-	1	.53
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	2	.10	-	-	-	-	2	.10
Special Cases.....	(Boys	-									1	-
	(Girls	-									1	-

TABLE II.

9. EARS (Contd.).

(b) Defective Hearing (Grade IIb).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

9. EARS (Contd.).

(b) Defective Hearing (Grade III).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

10. SPEECH.

(a) Defective Articulation.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	5	.66	1	.13	2	.26	-	-	8	1.05
	(Girls	796	4	.50	-	-	1	.12	-	-	5	.63
Mainland.....	(Boys	728	5	.69	-	-	-	-	-	-	5	.69
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	1	.64	-	-	-	-	1	.64
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	1	.37	-	-	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	10	.52	2	.10	2	.10	-	-	14	.73
	(Girls	1984	5	.25	-	-	1	.05	-	-	6	.30
Special Cases.....	(Boys	-									3	-
	(Girls	-									1	-

10. SPEECH (Contd.).

(b) Stammering.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	1	.12	-	-	-	-	-	-	1	.12
Mainland.....	(Boys	728	-	-	1	.14	-	-	-	-	1	.14
	(Girls	727	1	.14	-	-	-	-	-	-	1	.14
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	1	.05	-	-	-	-	1	.05
	(Girls	1984	2	.10	-	-	-	-	-	-	2	.10
Special Cases.....		-									-	-
		-									-	-

TABLE II.

11. MENTAL AND NERVOUS CONDITIONS.

(a) Backward.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	2	.26	-	-	1	.13	-	-	3	.39
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	1	.14	-	-	-	-	1	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	1	.37	-	-	-	-	1	.37
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	2	.10	2	.10	1	.05	-	-	5	.26
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

11. MENTAL AND NERVOUS CONDITIONS (Contd.).

(b) Dull.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	1	.13	1	.13	-	-	2	.26
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	1	.14	-	-	1	.14
	(Girls	727	-	-	2	.27	1	.14	-	-	3	.41
Skye.....	(Boys	157	-	-	-	-	1	.64	-	-	1	.64
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	1	.05	3	.16	-	-	4	.21
	(Girls	1984	-	-	2	.10	1	.05	-	-	3	.15
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

11. MENTAL AND NERVOUS CONDITIONS (Contd.).

(c) Mentally Defective - Educable.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	2	.26	-	-	-	-	-	-	2	.26
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	1	.14	1	.14	-	-	-	-	2	.27
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	2	.10	-	-	-	-	-	-	2	.10
	(Girls	1984	1	.05	1	.05	-	-	-	-	2	.10
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

11. MENTAL AND NERVOUS CONDITIONS (Contd.).

(c) Mentally Defective - Ineducable.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	2	.75	-	-	-	-	-	-	2	.75
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	2	.10	-	-	-	-	-	-	2	.10
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

11. MENTAL AND NERVOUS CONDITIONS (Contd.).

(e) Highly Nervous and Unstable.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	1	.14	-	-	1	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	1	.53	-	-	-	-	-	-	1	.53
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	1	.05	-	-	1	.05
	(Girls	1984	1	.05	-	-	-	-	-	-	1	.05
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

11. MENTAL AND NERVOUS CONDITIONS (Contd.).

(f) Difficult Behaviour.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	-	-	-	-	-	-	1	.13
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	1	.14	-	-	-	-	1	.14
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	-	-	-	-	-	-	1	.05
	(Girls	1984	-	-	1	.05	-	-	-	-	1	.05
Special Cases.....	(Boys	-									-	-
	(Girls	-									1	-

TABLE II.

12. CIRCULATORY SYSTEM.

(a) Organic Heart Disease (1) Congenital.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	2	.26	-	-	1	.13	4	.52
	(Girls	796	1	.12	-	-	-	-	-	-	1	.12
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	1	.14	-	-	-	-	-	-	1	.14
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	2	.10	-	-	1	.05	4	.21
	(Girls	1984	2	.10	-	-	-	-	-	-	2	.10
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

12. CIRCULATORY SYSTEM (Contd.).

(a) Organic Heart Disease (2) Acquired.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

12. CIRCULATORY SYSTEM (Contd.).

(c) Functional Conditions.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	1	.13	-	-	1	.13
	(Girls	796	1	.12	-	-	2	.25	-	-	3	.38
Mainland.....	(Boys	728	1	.14	-	-	-	-	-	-	1	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	1	.53	-	-	1	.53
Outer Islands.....	(Boys	267	2	.75	-	-	-	-	-	-	2	.75
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	3	.16	-	-	1	.05	-	-	4	.21
	(Girls	1984	1	.05	-	-	3	.15	-	-	4	.20
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

13. LUNGS.

(a) Chronic Bronchitis.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	2	.26	-	-	2	.26
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	1	.14	1	.14	1	.14	-	-	3	.41
	(Girls	727	1	.14	1	.14	-	-	-	-	2	.27
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	1	.37	-	-	-	-	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	1	.05	1	.05	3	.16	-	-	5	.26
	(Girls	1984	2	.10	1	.05	-	-	-	-	3	.15
Special Cases.....	(Boys	-									2	-
	(Girls	-									-	-

TABLE II.

13. LUNGS (Contd.).

(b) Suspected Tuberculosis.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

13. LUNGS (Contd.).

(c) Other Diseases.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	1	.13	-	-	1	.13	2	.26
	(Girls	796	1	.12	1	.12	-	-	-	-	2	.25
Mainland.....	(Boys	728	1	.14	-	-	-	-	-	-	1	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	1	.64	-	-	1	.64
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	1	.37	-	-	-	-	-	-	1	.37
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	2	.10	1	.05	1	.05	1	.05	5	.26
	(Girls	1984	1	.05	1	.05	-	-	-	-	2	.10
Special Cases.....	(Boys	-									2	-
	(Girls	-									-	-

TABLE II.

14. DEFORMITIES.

(a) Congenital.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	5	.66	-	-	1	.13	-	-	6	.79
	(Girls	796	1	.12	4	.50	-	-	-	-	5	.63
Mainland.....	(Boys	728	3	.41	2	.27	1	.14	-	-	6	.82
	(Girls	727	-	-	1	.14	1	.14	-	-	2	.27
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	1	.37	1	.37	-	-	-	-	2	.75
	(Girls	271	1	.37	1	.37	-	-	-	-	2	.74
GRAND TOTAL.....	(Boys	1912	9	.47	3	.16	2	.10	-	-	14	.73
	(Girls	1984	2	.10	6	.30	1	.05	-	-	9	.45
Special Cases.....	(Boys	-									2	-
	(Girls	-									-	-

14. DEFORMITIES (Contd.).

(b) Acquired (Infantile Paralysis).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	1	.13	1	.13	-	-	-	-	2	.26
	(Girls	796	2	.25	-	-	-	-	-	-	2	.25
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	1	.05	1	.05	-	-	-	-	2	.10
	(Girls	1984	2	.10	-	-	-	-	-	-	2	.10
Special Cases.....	(Boys	-									1	-
	(Girls	-									-	-

TABLE II.

14. DEFORMITIES (Contd.).

(c) Acquired (Probably Rickets).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	1	.14	1	.14	-	-	2	.14
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	1	.05	1	.05	-	-	2	.10
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

14. DEFORMITIES (Contd.).

(d) Acquired (Other Causes).

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh...	(Boys	760	17	2.24	20	2.63	4	.53	-	-	41	5.39
	(Girls	796	7	.88	12	1.51	6	.79	3	.38	28	3.52
Mainland.....	(Boys	728	1	.14	-	-	-	-	-	-	1	.14
	(Girls	727	-	-	-	-	1	.14	-	-	1	.14
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	1	.37	-	-	1	.37
GRAND TOTAL.....	(Boys	1912	18	.94	20	1.05	4	.21	-	-	42	2.19
	(Girls	1984	7	.35	12	.60	8	.40	3	.15	30	1.51
Special Cases.....	(Boys	-									-	-
	(Girls	-									-	-

TABLE II.

15. INFECTIOUS DISEASES.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	-	-	-	-	-	-	-	-	-	-
	(Girls	796	-	-	-	-	-	-	-	-	-	-
Mainland.....	(Boys	728	-	-	-	-	-	-	-	-	-	-
	(Girls	727	-	-	-	-	-	-	-	-	-	-
Skye.....	(Boys	157	-	-	-	-	-	-	-	-	-	-
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	-	-	-	-	-	-	-	-	-	-
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	-	-	-	-	-	-	-	-	-	-
	(Girls	1984	-	-	-	-	-	-	-	-	-	-
Special Cases....	(Boys	-									-	-
	(Girls	-									-	-

16. OTHER DISEASES OR DEFECTS.

District.		Total Number Examined All Ages.	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
			No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh..	(Boys	760	3	.39	4	.52	19	2.50	2	.26	28	3.68
	(Girls	796	3	.38	-	-	5	.63	-	-	8	1.00
Mainland.....	(Boys	728	2	.27	5	.69	-	-	-	-	7	.96
	(Girls	727	-	-	1	.14	1	.14	-	-	2	.27
Skye.....	(Boys	157	1	.64	2	1.37	1	.64	-	-	4	2.55
	(Girls	190	-	-	-	-	-	-	-	-	-	-
Outer Islands....	(Boys	267	1	.37	-	-	1	.37	-	-	2	.75
	(Girls	271	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys	1912	7	.37	11	.57	21	1.09	2	.10	41	2.14
	(Girls	1984	3	.15	1	.05	6	.30	-	-	10	.50
Special Cases....	(Boys	-									3	-
	(Girls	-									-	-

APPENDIX TO TABLE II.

Table showing Number and Percentage of Children Examined in the 1949 Age Group with Eye and Hearing Defects.

District.	Total Number Examined 1949 Age Group.	EYES.								EARS.							
		Strabismus.		Other Diseases.		V.A. Snellen Fair.		V.A. Snellen Bad.		Hearing Grade 1.		Hearing Grade 11a.		Hearing Grade 11b.		Hearing Grade III	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh.....	(Boys 209	-	-	-	-	13	6.22	4	1.91	-	-	-	-	-	-	-	-
	(Girls 213	-	-	-	-	10	4.69	12	5.63	-	-	-	-	-	-	-	-
Mainland.....	(Boys 222	2	.90	-	-	8	3.10	3	1.35	-	-	-	-	-	-	-	-
	(Girls 235	2	.85	-	-	17	7.28	3	1.28	-	-	-	-	-	-	-	-
Skye.....	(Boys 63	-	-	-	-	7	11.11	3	4.76	-	-	1	1.59	-	-	-	-
	(Girls 62	-	-	-	-	2	3.22	5	8.06	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys 100	2	2.00	-	-	6	6.00	5	5.00	-	-	-	-	-	-	-	-
	(Girls 100	1	1.00	-	-	10	10.00	4	4.00	-	-	-	-	-	-	-	-
GRAND TOTAL.....	(Boys 594	4	.67	-	-	34	5.72	15	2.52	-	-	1	.17	-	-	-	-
	(Girls 610	3	.49	-	-	39	6.39	24	3.93	-	-	-	-	-	-	-	-

TABLE III.

Classification of Defects found at Systematic Medical Examination.

Total Number of Children Examined.....	1307		1402		1035		152		3896	
	Entrants.		Children born 1947.		Children born 1943.		Children born 1940.		Total.	
	No.	%	No.	%	No.	%	No.	%	No.	%
I. Children free from defects.....	928	71.00	1026	73.18	758	73.24	105	69.08	2817	72.30
II. Children (otherwise free from defects) who suffer from -										
(a) Defective Vision not worse than $\frac{6}{12}$ in the better eye with or without glasses.....	1	.08	61	4.35	73	7.05	15	9.87	150	3.85
(b) Oral Sepsis, etc.....	6	.46	12	.85	30	2.89	1	.66	49	1.26
(c) Children suffering from (a) and (b) defects.....	-	-	2	.14	1	.09	-	-	3	.08
Total.....	7	.53	75	5.35	104	10.05	16	10.53	202	5.18
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks..	288	22.03	201	14.34	129	12.46	14	9.21	632	16.22
IV. Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II or III -										
(a) Where complete cure or restoration of function is considered possible.....	66	5.05	80	5.71	25	2.41	14	9.21	185	4.75
(b) Where improvement only is considered possible.....	18	1.38	20	1.43	19	1.83	3	1.97	60	1.54
Total.....	84	6.43	100	7.13	44	4.25	17	11.18	245	6.29
Grand Total Defects Classified.....	379	28.99	376	26.82	277	26.76	47	30.92	1079	27.69

TABLE IV.

YEAR ENDED 31.7.57.

Disability.	At ordinary schools.	At special schools or classes.	At no school or Institution.	Total.
1. Blind.....	-	1	-	1
2. Partially sighted.....	6	-	-	6
3. Deaf. (Grade I.....	23	-	-	23
(Grade IIa.....	7	-	-	7
(Grade IIb.....	5	1	-	6
(Grade III.....	1	9	-	10
4. Defective Speech -				
(a) Articulation requiring special treatment.....	119	-	-	119
(b) Stammering requiring special treatment.....	54	-	-	54
5. Mentally defective children between 5 and 16 years -				
(a) Educable.....	18	-	-	18
(b) Ineducable.....	6	2	10	18
6. Epilepsy -				
(a) Mild.....	9	-	-	9
(b) Severe.....	1	-	-	1
7. Physically defective children between 5 and 16 years -				
(a) Non-Pulmonary Tuberculosis (excluding cervical glands).....	6	-	-	6
(b) General Orthopaedic conditions.....	51	2	3	56
(c) Organic Heart Disease...	18	-	1	19
(d) Other causes of ill-health.....	35	1	-	36
8. Multiple Defects.....	14 (Educable M.D. and Defective Articulation.....7) (Educable M.D. and Congenital Disease of the Heart.....1) (Educable M.D. and Epilepsy....1) (Educable M.D. and Cerebral Palsy.....1) (Dextrocardia with Bronchiectasis and Atelectasis.....1) (Weakness of Right Hand and slight thyroid enlargement...1) (Multiple Congenital Defects...2)	3 (Ineducable M.D. and Epilepsy...1) (Ineducable M.D. and Congenital Disease of the Heart.....1) (Educable M.D. Congenital Disease of the Heart and Cerebral Thrombosis (effects of).....1)	4 (Ineducable M.D. and Spastic Paraplegia.....2) (Ineducable M.D. and Epilepsy...2)	21
Total.....	373	19	18	410

TABLE V.

Dental Inspection and Treatment for Year ended 31st July, 1957.

Number of Children who were -

(1) Inspected by the Dental Officers -

Age.	Systematic Examinations.	Special and Emergency Cases.	Total.
5.....	623	-	623
6.....	704	-	704
7.....	731	-	731
8.....	843	-	843
9.....	621	-	621
10.....	701	-	701
11.....	603	-	603
12	731	-	731
13	593	-	593
14.....	97	-	97
15.....	69	-	69
Over 15.....	5	-	5
Total.	6321	-	6321

(2) Found to require treatment.....	4392	-	4392
(3) Actually treated by the School Dental Officers..	3260	-	3260
(4) Number of attendances made by children for treatment.....	4280	-	4280
(5) Fillings -			
(a) Permanent Teeth.....	1895	-	1895
(b) Temporary Teeth.....	414	-	414
(6) Extractions -			
(a) Permanent Teeth.....	1031	-	1031
(b) Temporary Teeth.....	3258	-	3258
(7) Number of administrations of a General Anaesthetic for Extractions.....	-	-	-
(8) Other Operations -			
(a) Permanent Teeth).....	53	-	53
(b) Temporary Teeth).....			
*(9) Half-days devoted to inspection.....	47	-	47
Half-days devoted to treatment.....	1233	-	1233
(10) Number of children treated under private arrangements (supply of dentures).....	39	-	39
Dentures fitted in Clinic.....	26	-	26

*This figure embraces all duty sessions. As many small schools are visited, complete sessions are not devoted to inspection only. 20% of the total have refused treatment.

SUMMARY OF SCHOOL MEDICAL OFFICER'S REPORT FOR THE YEAR ENDED 31st JULY, 1957.

Total Number of Children Examined.	BURGH OF INVERNESS.										MAINLAND.									
	463		527		474		92		1556		533		577		308		37		1455	
Age Groups.	Entrants.		1947.		1943.		1940.		Total.		Entrants.		1947.		1943.		1940.		Total.	
Defects. Special Groups Classified.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.
1. Nutrition	1	.21	5	.95	-	-	-	-	6	.38	-	-	-	-	-	-	-	-	-	-
2. Clothing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Footgear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. (Cleanliness - Head	2	.43	4	.76	2	.42	-	-	8	.51	5	.94	3	.52	2	.66	-	-	10	.69
(Cleanliness - Body	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. (Condition of Skin of Head.	2	.43	3	.57	2	.42	-	-	7	.45	1	.19	-	-	-	-	-	-	1	.07
(Condition of Skin of Body.	8	1.73	8	1.52	1	.21	2	2.17	19	1.21	6	1.12	2	.35	5	1.62	1	2.70	14	.96
6. Mouth and Teeth Unhealthy	1	.21	7	1.33	14	2.95	-	-	22	1.41	7	1.31	5	.87	18	5.84	1	2.70	31	2.13
(Nose	9	1.94	3	.57	4	.84	1	1.09	17	1.09	10	1.88	3	.52	-	-	-	-	13	.89
7. (Throat	51	11.01	17	3.22	21	4.43	-	-	89	5.72	108	20.26	65	11.26	19	6.17	1	2.70	193	13.26
(Glands	10	2.16	5	.95	2	.42	1	1.09	18	1.16	12	2.25	5	.87	4	1.29	-	-	21	1.44
(External Eye Disease	-	-	-	-	3	.63	-	-	3	.19	1	.19	5	.87	2	.66	-	-	8	.55
(Eyes - Strabismus	11	2.37	5	.95	2	.42	1	1.09	19	1.21	11	2.06	6	1.04	5	1.62	-	-	22	1.51
8. (Eyes - Other Diseases	-	-	-	-	2	.42	-	-	2	.13	-	-	-	-	-	-	-	-	-	-
(Visual Acuity	-	-	95	10.44	35	7.38	20	21.74	110	7.07	1	.19	43	7.45	22	7.14	4	10.81	70	4.81
9. (Ears	-	-	-	-	-	-	-	-	-	-	2	.37	-	-	3	.97	-	-	5	.34
(Hearing	-	-	5	.95	2	.42	-	-	7	.45	-	-	-	-	-	-	-	-	-	-
10. Speech	10	2.16	1	.19	3	.63	-	-	14	.89	6	1.12	1	.17	-	-	-	-	7	.48
11. (Mental Condition	5	1.08	1	.19	2	.42	-	-	8	.51	1	.19	5	.87	2	.66	-	-	8	.55
(Nervous Condition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	.32	-	-	1	.07
12. Heart and Circulation	3	.65	2	.38	3	.63	1	1.09	9	.58	2	.37	-	-	-	-	-	-	2	.14
13. Lungs	1	.21	2	.38	2	.42	1	1.09	6	.38	3	.56	2	.35	1	.32	-	-	6	.41
14. Deformities	33	7.13	37	7.02	11	2.32	3	3.26	84	5.39	4	.75	4	.69	4	1.29	-	-	12	.82
15. Infectious Diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16. Other Diseases or Defects	6	1.29	4	.76	24	5.06	2	2.17	36	2.31	2	.37	6	1.04	1	.32	-	-	9	.62

SUMMARY OF SCHOOL MEDICAL OFFICER'S REPORT FOR THE YEAR ENDED 31st JULY, 1957.

Total Number of Children Examined.	SKYE AREA.										OUTER ISLANDS AREA.									
	129		103		93		22		347		182		195		160		1		538	
Age Groups.	Entrants.		1947.		1943.		1940.		Total.		Entrants.		1947.		1943.		1940		Total.	
Defects. / Special Groups Classified.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.
1. Nutrition.....	-	-	1	.97	-	-	-	-	1	.29	-	-	-	-	-	-	-	-	-	-
2. Clothing.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Footgear.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. (Cleanliness - Head.....	-	-	5	4.85	-	-	-	-	5	1.44	23	12.64	21	10.77	25	15.62	-	-	69	12.82
(Cleanliness - Body.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. (Condition of Skin of Head.	-	-	-	-	-	-	-	-	-	-	2	1.09	1	.51	1	.62	-	-	4	.74
(Condition of Skin of Body.	2	1.55	-	-	1	1.07	-	-	3	.86	2	1.09	-	-	1	.62	-	-	3	.56
6. Mouth and Teeth Unhealthy..	-	-	-	-	-	-	-	-	-	-	2	1.09	2	1.02	3	1.87	-	-	7	1.30
(Nose.....	5	3.79	2	1.94	-	-	-	-	7	2.02	5	2.75	2	1.02	1	.62	-	-	8	1.49
7. (Throat.....	22	17.05	10	9.71	7	7.53	2	9.09	41	11.81	36	19.78	21	10.77	9	5.62	-	-	66	12.27
(Glands.....	7	5.43	1	.97	-	-	-	-	8	2.30	2	1.09	1	.51	1	.62	-	-	4	.74
(External Eye Disease.....	1	.77	1	.97	1	1.07	-	-	3	.86	1	.55	2	1.02	-	-	-	-	3	.56
(Eyes - Strabismus.....	1	.77	1	.97	-	-	-	-	2	.58	2	1.09	3	1.54	-	-	-	-	5	.93
8. (Eyes - Other Diseases.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Visual Acuity.....	-	-	8	7.77	11	11.83	5	22.72	24	6.92	1	.55	21	10.77	31	19.37	1	100.00	54	10.04
9. (Ears.....	-	-	-	-	1	1.07	-	-	1	.29	-	-	-	-	1	.62	-	-	1	.18
(Hearing.....	-	-	1	.97	-	-	-	-	1	.29	-	-	-	-	-	-	-	-	-	-
10. Speech.....	-	-	1	.97	-	-	-	-	1	.29	1	.55	-	-	-	-	-	-	1	.18
11. (Mental Condition.....	-	-	1	.97	-	-	-	-	1	.29	2	1.09	1	.51	-	-	-	-	3	.56
(Nervous Condition.....	1	.77	-	-	-	-	-	-	1	.29	-	-	-	-	-	-	-	-	-	-
12. Heart and Circulation.....	-	-	-	-	1	1.07	-	-	1	.29	2	1.09	-	-	-	-	-	-	2	.37
13. Lungs.....	-	-	-	-	1	1.07	-	-	1	.29	2	1.09	-	-	-	-	-	-	2	.37
14. Deformities.....	-	-	-	-	-	-	-	-	-	-	2	1.09	2	1.02	1	.62	-	-	5	.93
15. Infectious Diseases.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16. Other Diseases or Defects..	1	.77	2	1.94	1	1.07	-	-	4	1.15	1	.55	-	-	1	.62	-	-	2	.37

SUMMARY (Continued).

Total Number of Children Examined.	GRAND TOTAL ALL AGES.									
	1307		1402		1035		152		3896	
Age Groups.	Entrants.		1947.		1943.		1940.		Total.	
Defects. Special Groups Classified.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.	Defects.	Rate p.c.
1. Nutrition	1	.08	6	.43	-	-	-	-	7	.18
2. Clothing	-	-	-	-	-	-	-	-	-	-
3. Footgear	-	-	-	-	-	-	-	-	-	-
4. (Cleanliness - Head	30	2.29	33	2.35	29	2.80	-	-	92	2.36
4. (Cleanliness - Body	-	-	-	-	-	-	-	-	-	-
5. (Condition of Skin of Head.	5	.38	4	.28	3	.29	-	-	12	.31
5. (Condition of Skin of Body.	18	1.38	10	.71	8	.77	3	1.97	39	1.00
6. Mouth and Teeth Unhealthy	10	.76	14	.99	35	3.38	1	.66	60	1.54
7. (Nose	29	2.22	10	.71	5	.48	1	.66	45	1.15
7. (Throat	217	16.60	113	8.06	56	5.41	3	1.97	389	9.98
7. (Glands	31	2.37	12	.85	7	.68	1	.66	51	1.31
8. (External Eye Disease	3	.23	8	.57	6	.58	-	-	17	.44
8. (Eyes - Strabismus	25	1.91	15	1.06	7	.68	1	.66	48	1.23
8. (Eyes - Other Diseases	-	-	-	-	2	.19	-	-	2	.05
8. (Visual Acuity	2	.15	127	9.06	99	9.56	30	19.74	258	6.62
9. (Ears	2	.15	-	-	5	.48	-	-	7	.18
9. (Hearing	-	-	6	.43	2	.19	-	-	8	.20
10. Speech	17	1.30	3	.21	3	.29	-	-	23	.59
11. (Mental Condition	8	.61	7	.49	5	.48	-	-	20	.51
11. (Nervous Condition	1	.08	-	-	1	.09	-	-	2	.05
12. Heart and Circulation	7	.53	2	.14	4	.38	1	.66	14	.36
13. Lungs	6	.46	4	.28	4	.38	1	.66	15	.38
14. Deformities	39	2.98	43	3.07	16	1.55	3	1.97	101	2.59
15. Infectious Diseases	-	-	-	-	-	-	-	-	-	-
16. Other Diseases or Defects	8	.61	8	.57	26	2.51	2	1.31	44	1.13

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